

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
 Data File : VY002941.D
 Acq On : 19 Jun 2020 16:37
 Operator : SY/MD
 Sample : VY0619SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 2:07:03 PM

Quant Time: Jun 20 04:46:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 15:04:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	382235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	559167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	517791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	274437	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	148082	46.90	ug/l	0.00
Spiked Amount			Recovery	=	93.80%	
35) Dibromofluoromethane	7.72	113	154150	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	
50) Toluene-d8	10.18	98	613962	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.48	95	208435	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	43512	17.856	ug/l	99
3) Chloromethane	2.12	50	49529	17.901	ug/l	99
4) Vinyl Chloride	2.26	62	55452	18.666	ug/l	96
5) Bromomethane	2.65	94	38779	17.691	ug/l	95
6) Chloroethane	2.79	64	35011	18.221	ug/l	95
7) Trichlorofluoromethane	3.13	101	98574	18.478	ug/l	96
8) Diethyl Ether	3.54	74	35293	18.336	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	59020	18.371	ug/l	100
10) Methyl Iodide	4.10	142	71221	16.012	ug/l	99
11) Tert butyl alcohol	4.97	59	30369	77.927	ug/l #	85
12) 1,1-Dichloroethene	3.88	96	57308	17.988	ug/l	95
13) Acrolein	3.74	56	28102	88.602	ug/l	100
14) Allyl chloride	4.49	41	85054	18.510	ug/l	99
15) Acrylonitrile	5.18	53	86237	93.418	ug/l	99
16) Acetone	3.96	43	69589	88.992	ug/l	98
17) Carbon Disulfide	4.20	76	153090	16.253	ug/l	100
18) Methyl Acetate	4.49	43	42206	19.108	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	161290	18.588	ug/l	97
20) Methylene Chloride	4.72	84	78412	16.200	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	64672	18.283	ug/l	99
22) Diisopropyl ether	6.12	45	183205	19.528	ug/l	96
23) Vinyl Acetate	6.07	43	564743	93.062	ug/l	98
24) 1,1-Dichloroethane	6.03	63	104139	18.737	ug/l	100
25) 2-Butanone	7.00	43	107146	91.440	ug/l	98
26) 2,2-Dichloropropane	6.99	77	98613	18.998	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	73707	18.644	ug/l	99
28) Bromochloromethane	7.34	49	43264	18.618	ug/l	99
29) Tetrahydrofuran	7.35	42	68959	91.108	ug/l	99
30) Chloroform	7.51	83	109303	18.777	ug/l	97
31) Cyclohexane	7.79	56	95907	17.691	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	101482	18.920	ug/l	99
36) 1,1-Dichloropropene	7.92	75	84023	18.502	ug/l	99
37) Ethyl Acetate	7.08	43	46516	18.447	ug/l	99
38) Carbon Tetrachloride	7.91	117	93540	18.691	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
 Data File : VY002941.D
 Acq On : 19 Jun 2020 16:37
 Operator : SY/MD
 Sample : VY0619SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 2:07:03 PM

Quant Time: Jun 20 04:46:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 15:04:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	105989	17.705	ug/l	99
40) Benzene	8.16	78	251334	18.590	ug/l	99
41) Methacrylonitrile	7.32	41	28421m	22.513	ug/l	
42) 1,2-Dichloroethane	8.24	62	69755	18.589	ug/l	100
43) Isopropyl Acetate	8.28	43	85593	18.228	ug/l	99
44) Trichloroethene	8.94	130	78081	18.645	ug/l	97
45) 1,2-Dichloropropane	9.22	63	62444	19.206	ug/l	100
46) Dibromomethane	9.31	93	36571	18.838	ug/l	98
47) Bromodichloromethane	9.50	83	85892	18.951	ug/l	99
48) Methyl methacrylate	9.29	41	39476	18.736	ug/l	98
49) 1,4-Dioxane	9.31	88	10663	374.765	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	229667	92.298	ug/l	100
52) Toluene	10.24	92	164823	18.837	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	92652	18.809	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	105242	18.875	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	54967	18.986	ug/l	97
56) Ethyl methacrylate	10.51	69	73582	18.855	ug/l	99
57) 1,3-Dichloropropane	10.79	76	91243	18.900	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	173651	89.339	ug/l	99
59) 2-Hexanone	10.83	43	162190	92.711	ug/l	100
60) Dibromochloromethane	10.99	129	70570	19.114	ug/l	99
61) 1,2-Dibromoethane	11.09	107	53339	18.571	ug/l	100
64) Tetrachloroethene	10.72	164	79786	18.492	ug/l	99
65) Chlorobenzene	11.52	112	185190	18.895	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	70750	19.097	ug/l	99
67) Ethyl Benzene	11.59	91	320111	18.934	ug/l	99
68) m/p-Xylenes	11.70	106	246823	37.571	ug/l	100
69) o-Xylene	12.03	106	118765	19.178	ug/l	99
70) Styrene	12.05	104	202564	18.932	ug/l	99
71) Bromoform	12.20	173	46898	18.912	ug/l #	98
73) Isopropylbenzene	12.33	105	319610	19.002	ug/l	100
74) N-amyl acetate	12.14	43	80413	18.564	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	59110	18.955	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	45806m	19.165	ug/l	
77) Bromobenzene	12.61	156	84102	19.098	ug/l	100
78) n-propylbenzene	12.67	91	371549	19.041	ug/l	100
79) 2-Chlorotoluene	12.75	91	208237	19.053	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	267117	19.050	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	23584	18.839	ug/l	97
82) 4-Chlorotoluene	12.85	91	218996	19.053	ug/l	100
83) tert-Butylbenzene	13.08	119	239591	19.076	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	270091	19.143	ug/l	100
85) sec-Butylbenzene	13.25	105	326921	19.135	ug/l	100
86) p-Isopropyltoluene	13.37	119	309983	19.343	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	158983	19.153	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	156339	18.808	ug/l	98
89) n-Butylbenzene	13.70	91	278009	19.190	ug/l	100
90) Hexachloroethane	13.96	117	57529	19.273	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	145190	19.218	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10667	18.310	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
Data File : VY002941.D
Acq On : 19 Jun 2020 16:37
Operator : SY/MD
Sample : VY0619SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

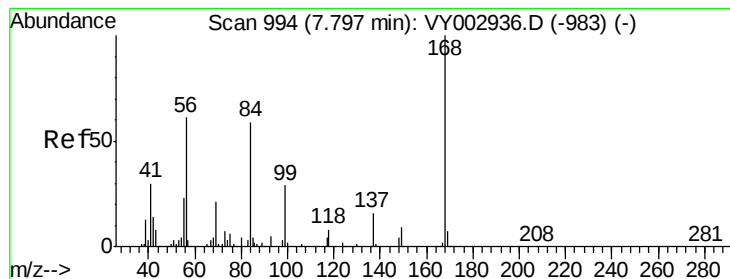
Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:07:03 PM

Quant Time: Jun 20 04:46:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 15:04:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	111384	19.648	ug/l	98
94) Hexachlorobutadiene	15.11	225	62742	19.202	ug/l	99
95) Naphthalene	15.23	128	214032	18.943	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	96977	19.174	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tot Ion:168 Resp: 382235

Ion Ratio Lower Upper

168 100

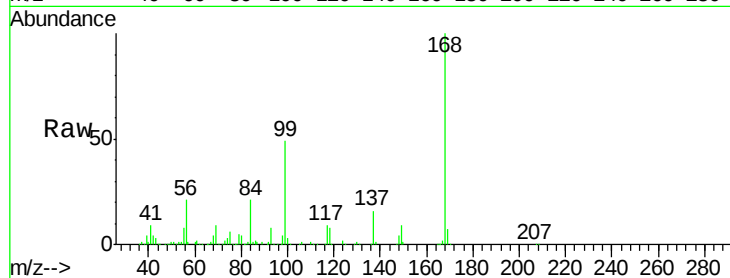
99 48.6 39.5 59.3

Manual Integrations

APPROVED

MMDadoda

6/22/2020 2:07:03 PM



Abundance Ion 167.90 (167.60 to 168.60): VY002941.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002941.D (-945) (-)

200000

150000

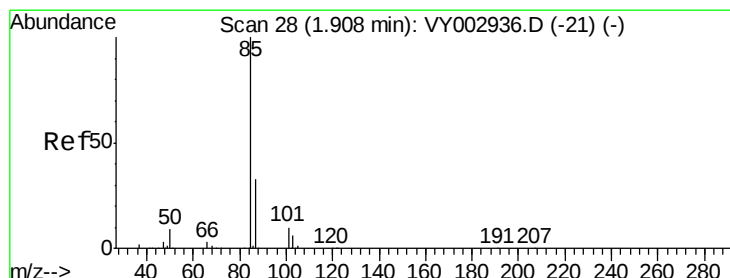
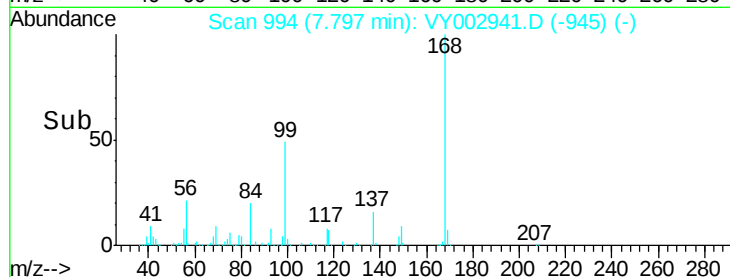
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.856 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002941.D

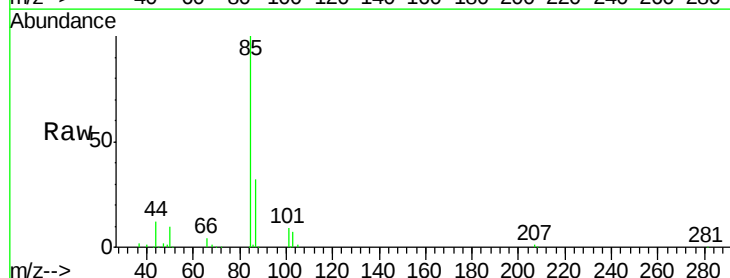
Acq: 19 Jun 2020 16:37

Tgt Ion: 85 Resp: 43512

Ion Ratio Lower Upper

85 100

87 32.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY002941.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002941.D (-1) (-)

30000

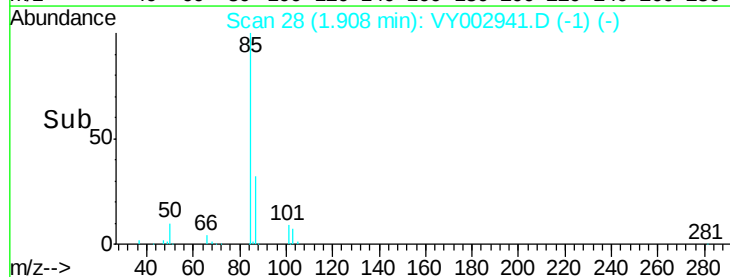
20000

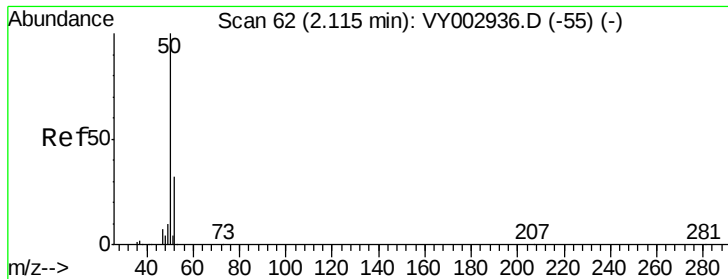
10000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 17.901 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tot Ion: 50 Resp: 49529

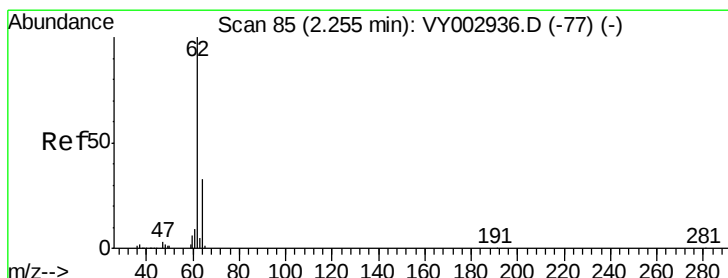
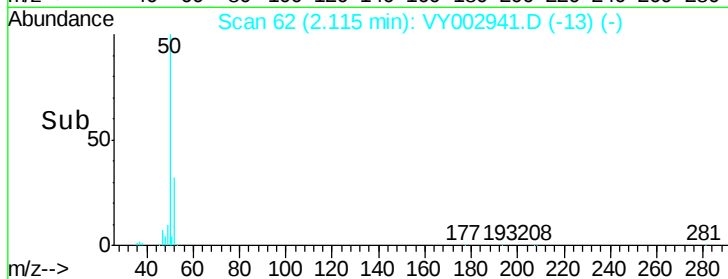
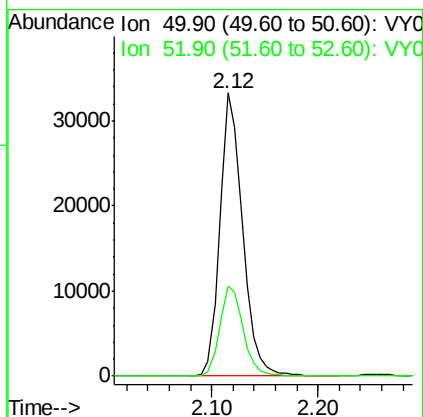
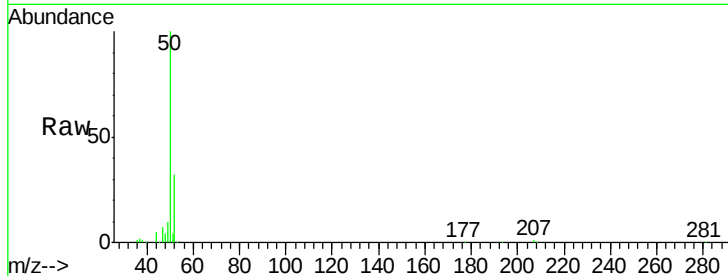
Ion Ratio Lower Upper

50 100

52 31.7 25.8 38.6

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:07:03 PM



#4

Vinyl Chloride

Concen: 18.666 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002941.D

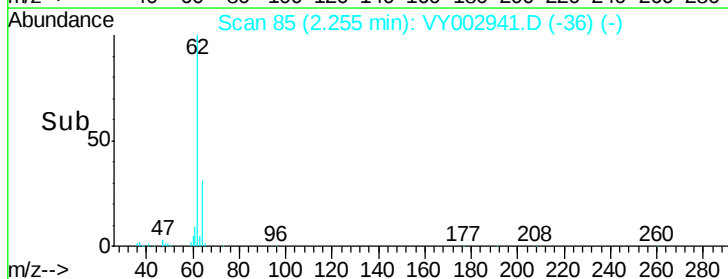
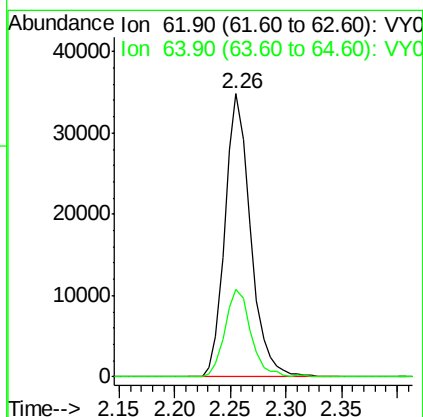
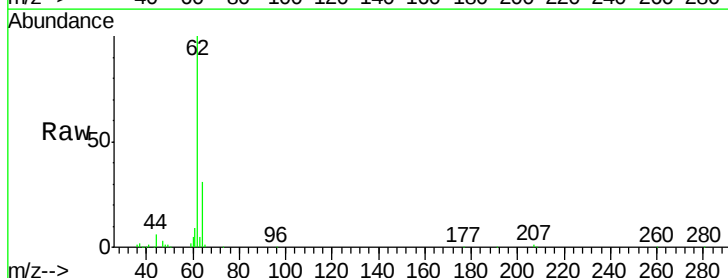
Acq: 19 Jun 2020 16:37

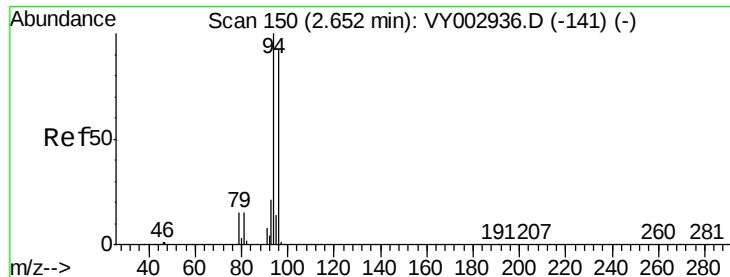
Tgt Ion: 62 Resp: 55452

Ion Ratio Lower Upper

62 100

64 30.8 26.3 39.5





#5

Bromomethane

Concen: 17.691 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tot Ion: 94 Resp: 38779

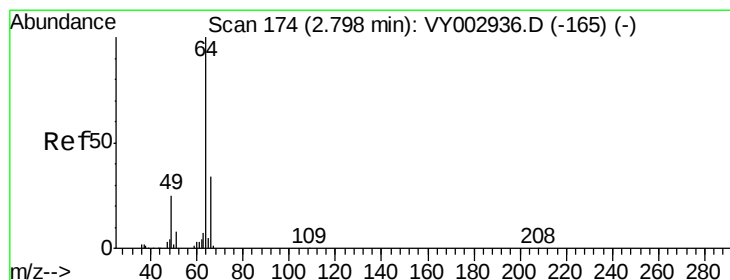
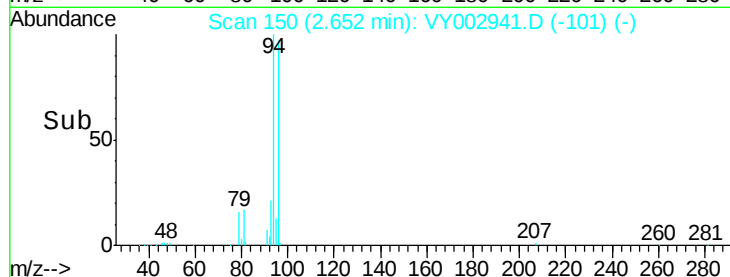
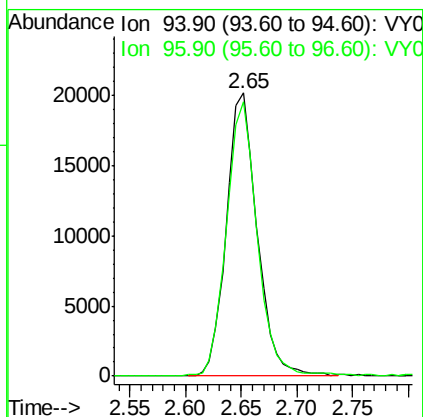
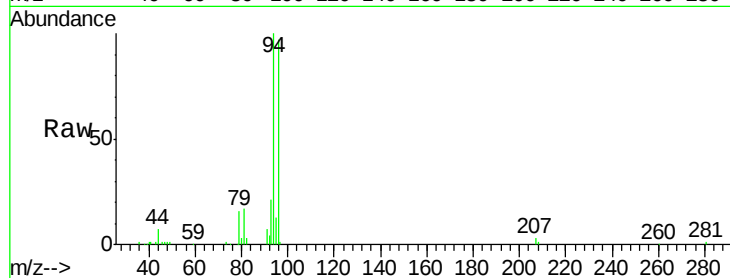
Ion Ratio Lower Upper

94 100

96 96.5 73.7 110.5

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:07:03 PM



#6

Chloroethane

Concen: 18.221 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY002941.D

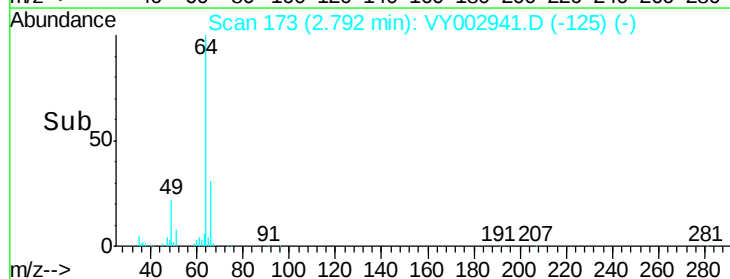
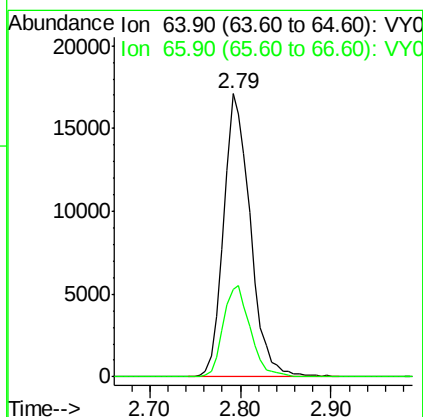
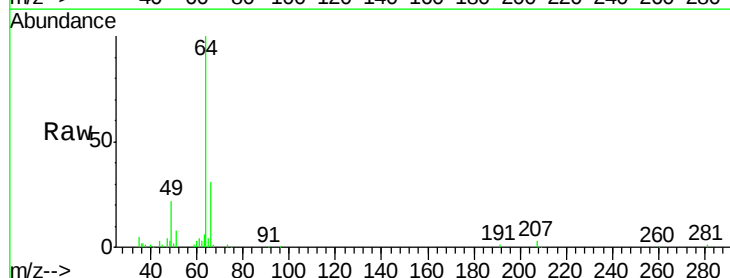
Acq: 19 Jun 2020 16:37

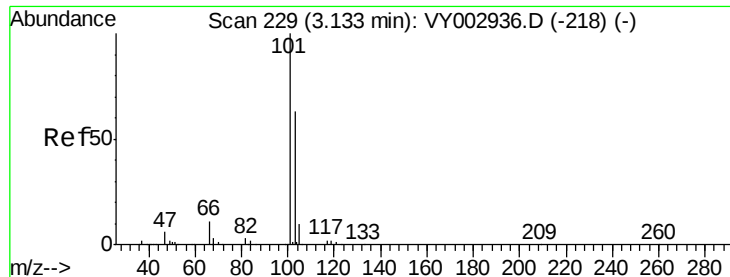
Tgt Ion: 64 Resp: 35011

Ion Ratio Lower Upper

64 100

66 31.1 27.0 40.6





#7

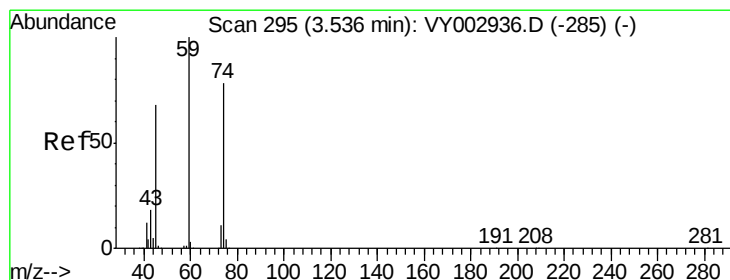
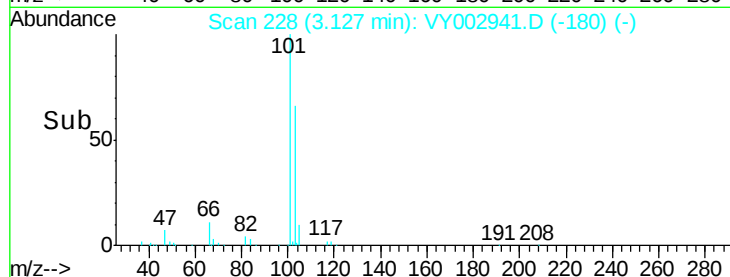
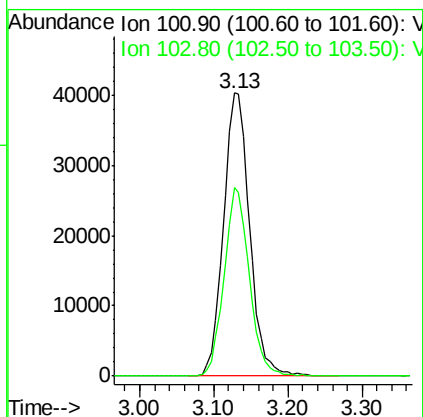
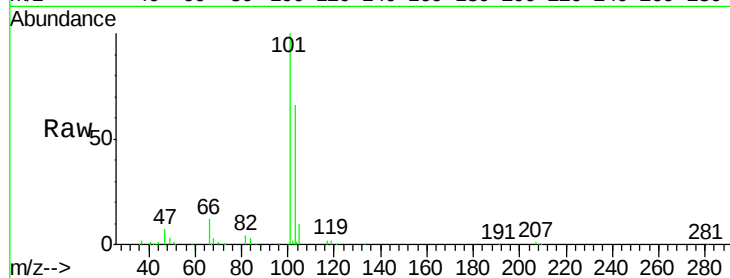
Trichlorofluoromethane
 Concen: 18.478 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	50.6	76.0

Manual Integrations
 APPROVED

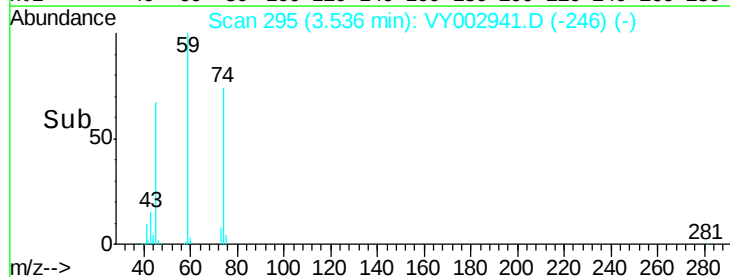
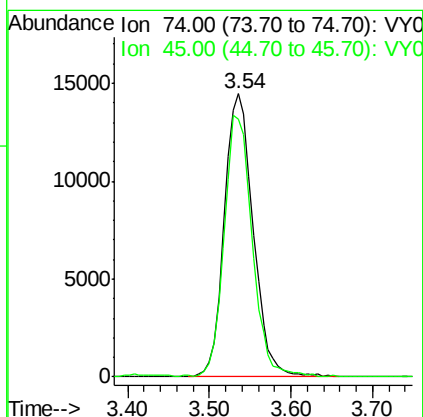
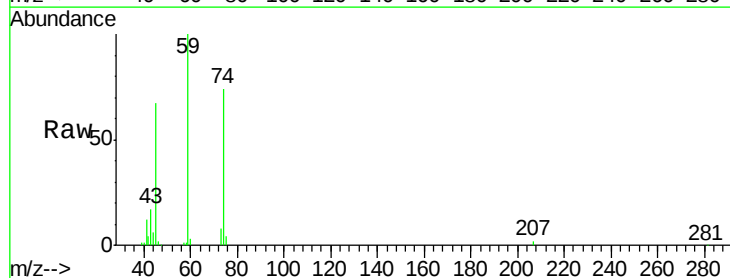
MMDadoda
 6/22/2020 2:07:03 PM

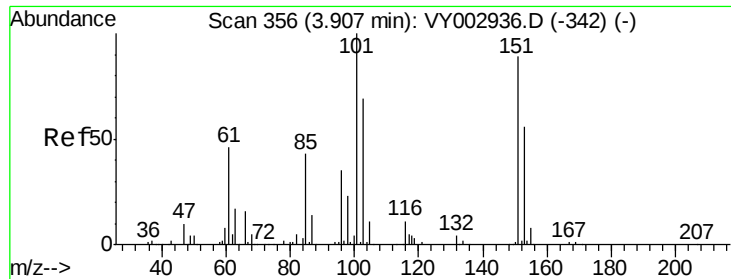


#8

Diethyl Ether
 Concen: 18.336 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.5	43.7	131.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.371 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

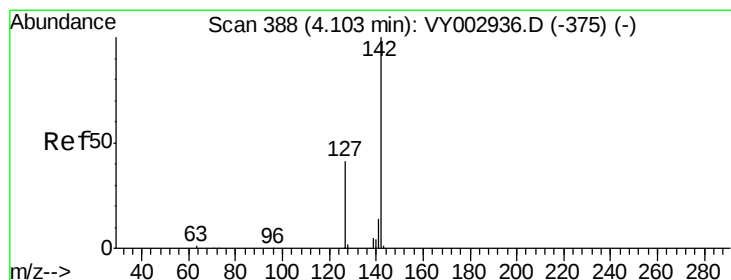
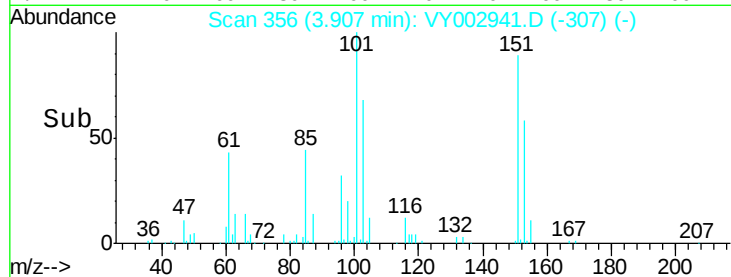
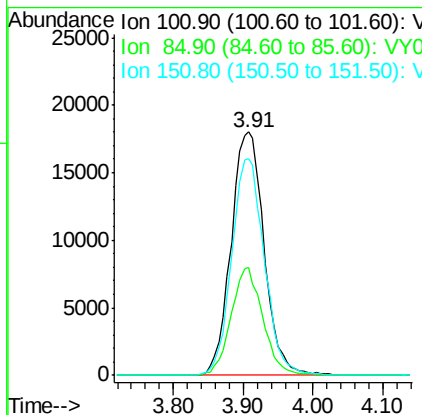
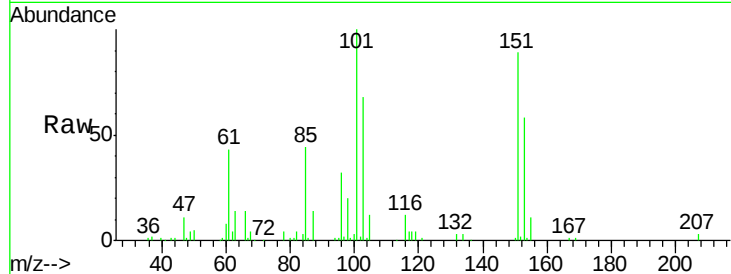
ClientSampleId :

VY0619SBS01

Tot Ion:	101	Resp:	59020
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.6	50.4
151	88.2	70.4	105.6

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:07:03 PM



#10

Methyl Iodide

Concen: 16.012 ug/l

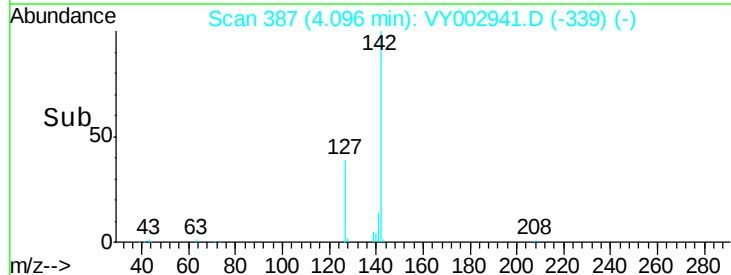
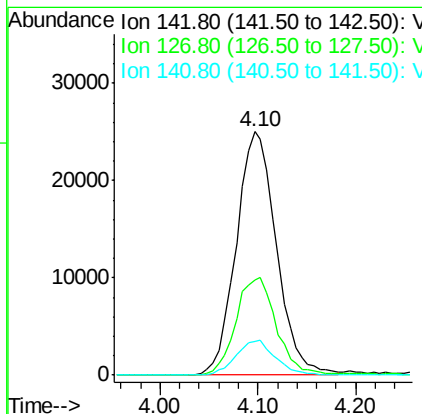
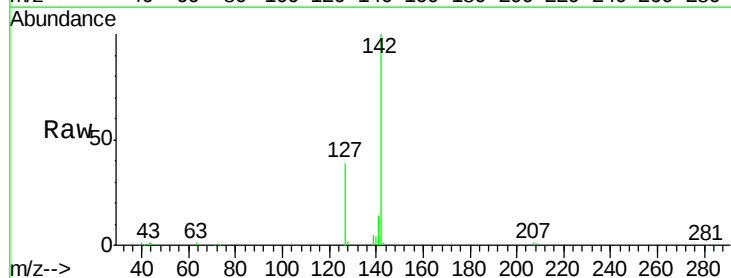
RT: 4.10 min Scan# 387

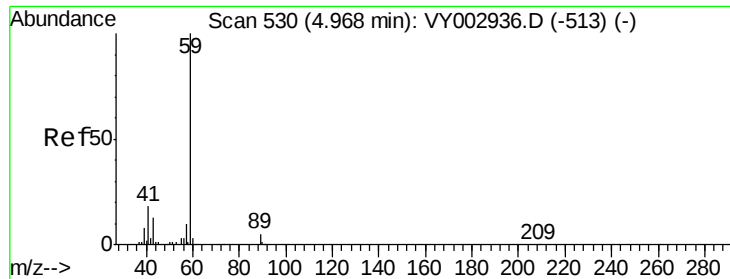
Delta R.T. -0.01 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Tgt Ion:	142	Resp:	71221
Ion Ratio	Lower	Upper	
142	100		
127	40.4	32.9	49.3
141	14.0	11.3	16.9





#11

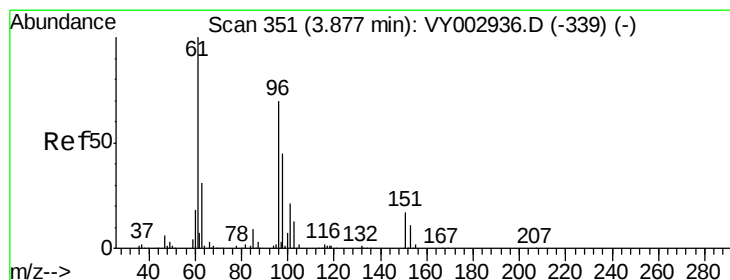
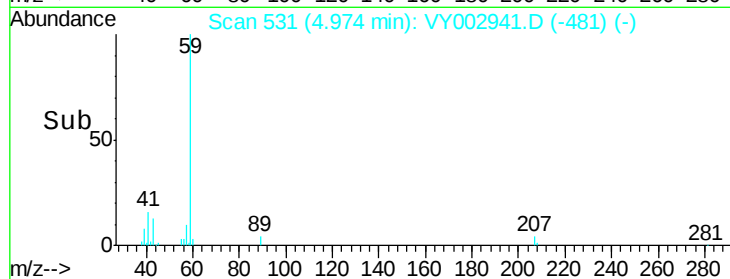
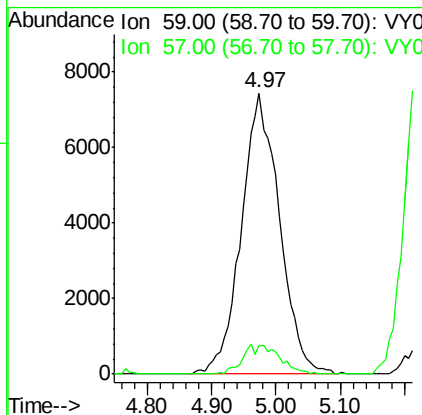
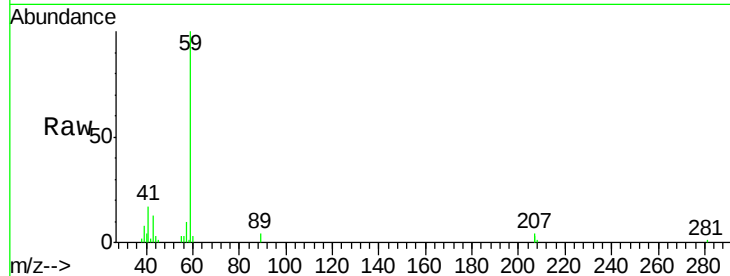
Tert butyl alcohol
 Concen: 77.927 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	3.9	7.4	11.2#

Manual Integrations
 APPROVED

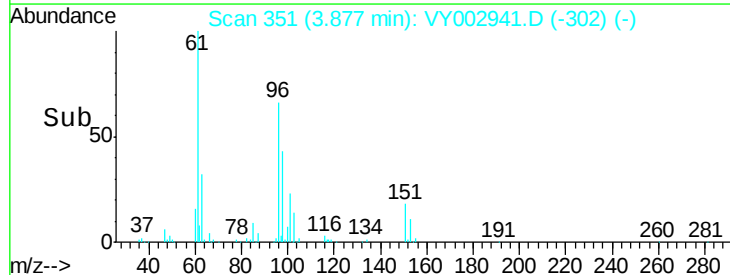
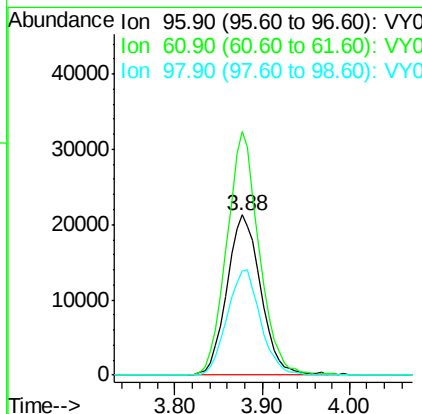
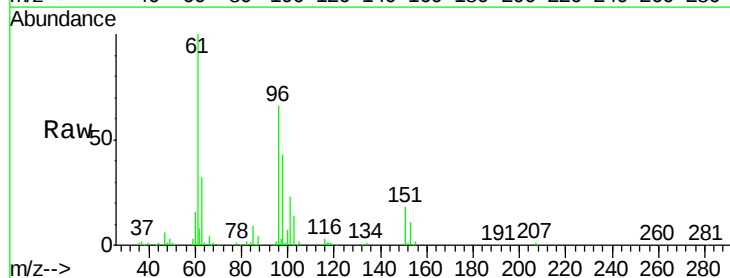
MMDadoda
 6/22/2020 2:07:03 PM

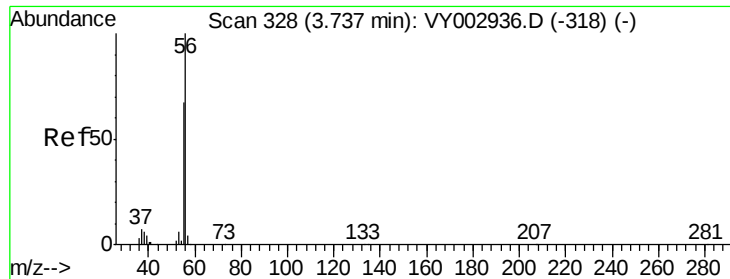


#12

1,1-Dichloroethene
 Concen: 17.988 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.9	114.6	172.0
98	64.6	51.4	77.0





#13

Acrolein

Concen: 88.602 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tot Ion: 56 Resp: 28102

Ion Ratio Lower Upper

56 100

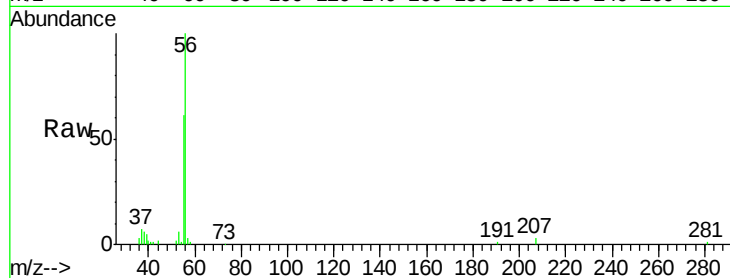
55 69.3 55.3 82.9

Manual Integrations

APPROVED

MMDadoda

6/22/2020 2:07:03 PM



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

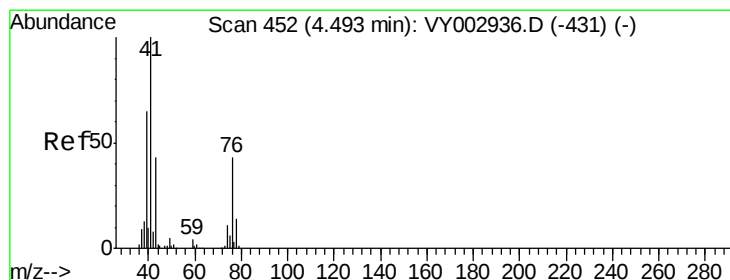
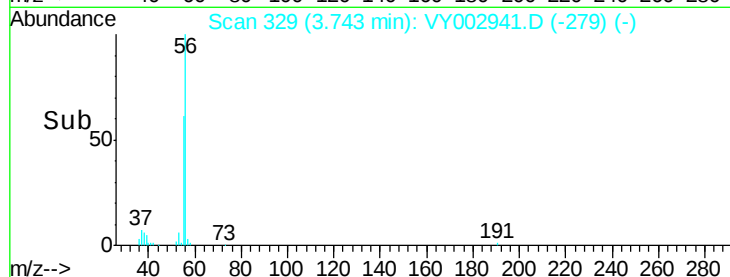
3.74

10000

5000

0

Time--> 3.60 3.70 3.80



#14

Allyl chloride

Concen: 18.510 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

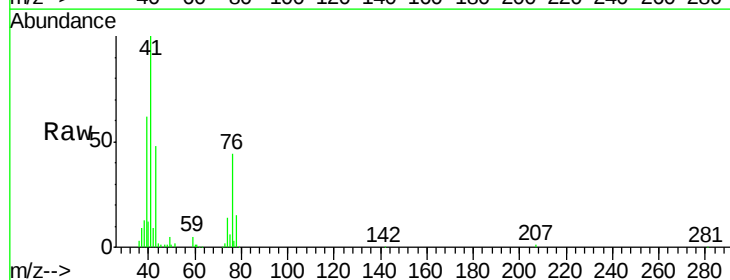
Tgt Ion: 41 Resp: 85054

Ion Ratio Lower Upper

41 100

39 62.2 50.0 75.0

76 41.0 33.3 49.9



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.49

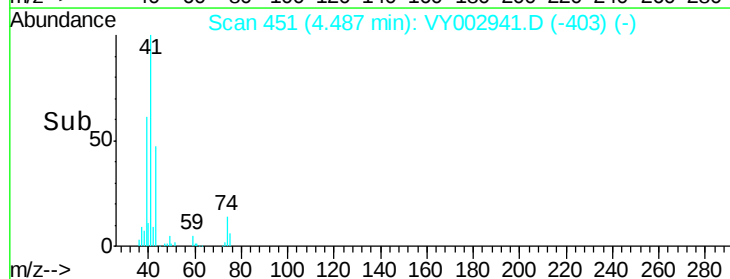
30000

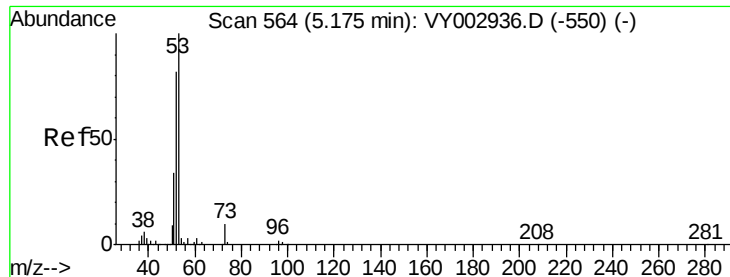
20000

10000

0

Time--> 4.30 4.40 4.50 4.60





#15

Acrylonitrile

Concen: 93.418 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

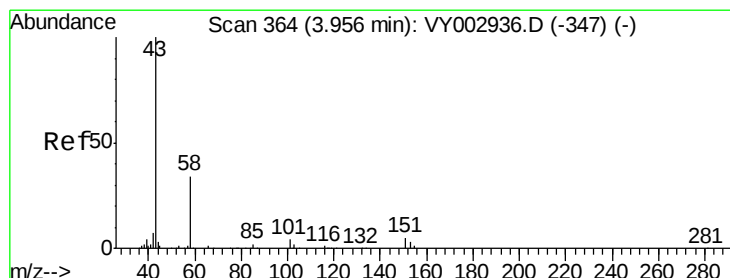
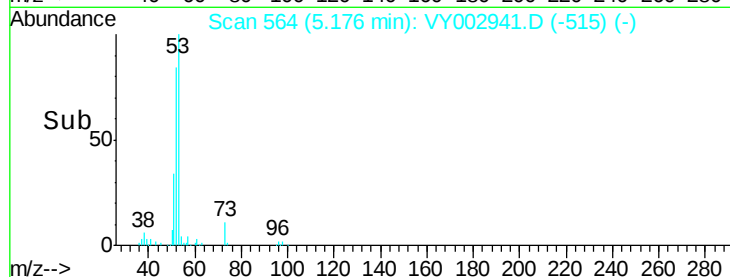
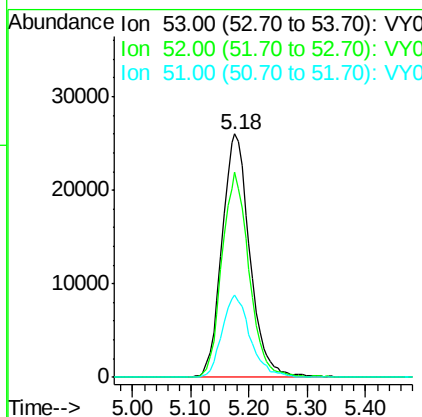
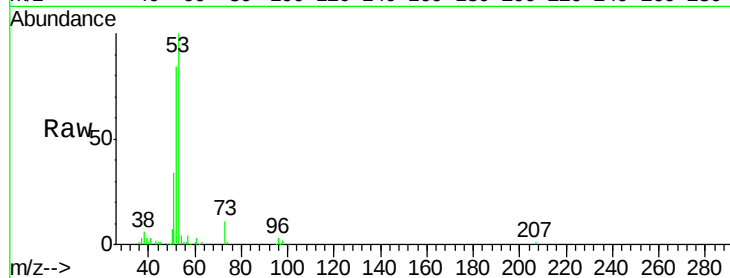
ClientSampleId :

VY0619SBS01

Tot Ion:	53	Resp:	86237
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.7	98.5
51	34.1	28.1	42.1

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:07:03 PM



#16

Acetone

Concen: 88.992 ug/l

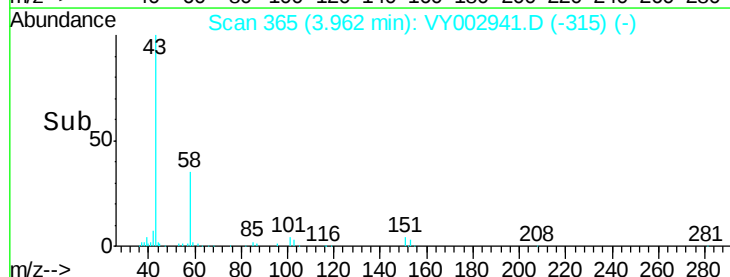
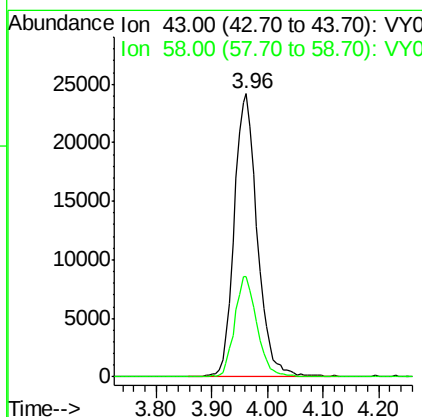
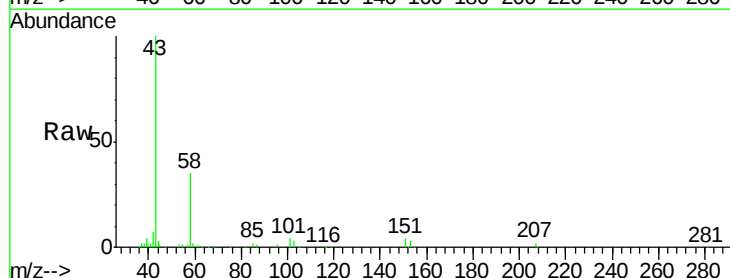
RT: 3.96 min Scan# 365

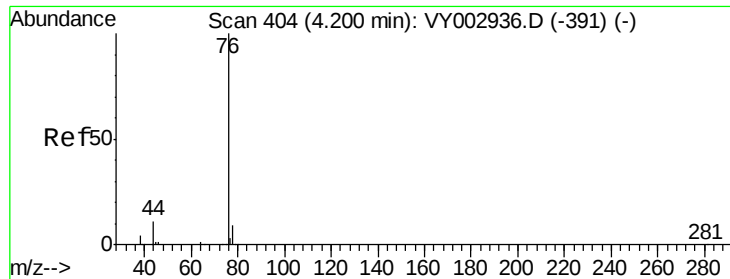
Delta R.T. 0.01 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Tgt Ion:	43	Resp:	69589
Ion	Ratio	Lower	Upper
43	100		
58	35.4	27.3	40.9





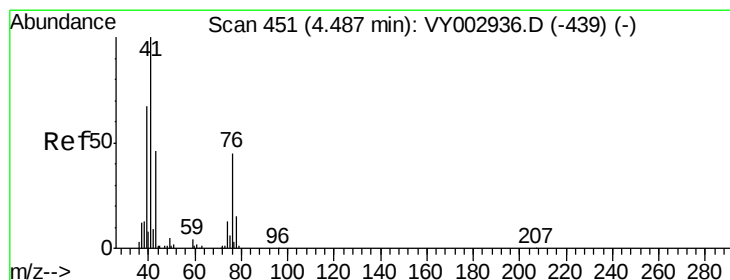
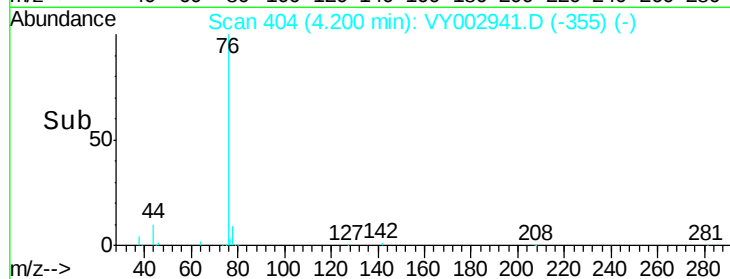
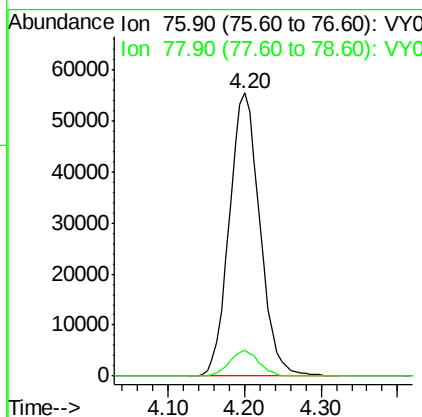
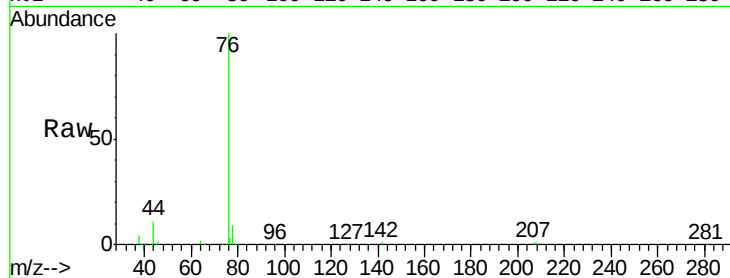
#17
Carbon Disulfide
Concen: 16.253 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.2

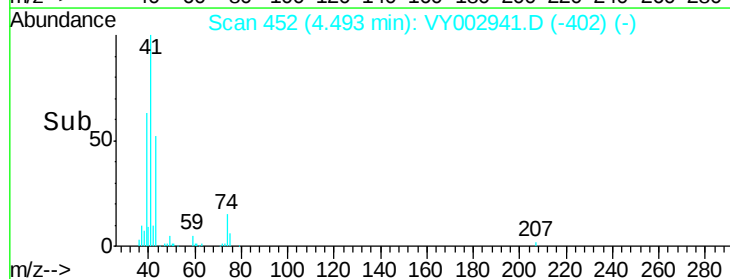
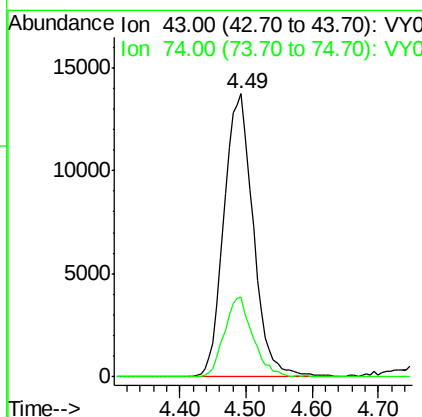
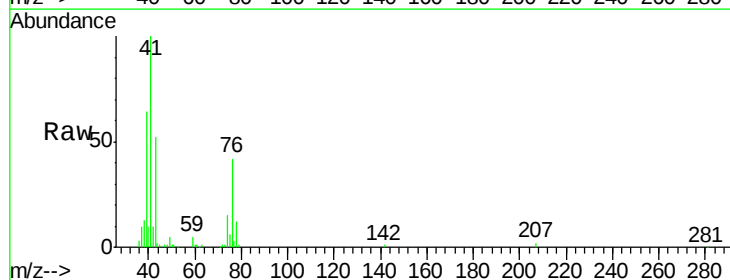
Manual Integrations
APPROVED

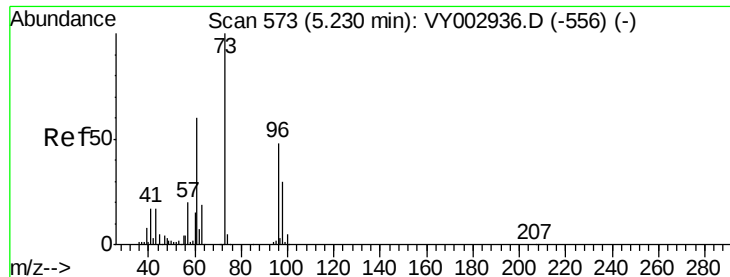
MMDadoda
6/22/2020 2:07:03 PM



#18
Methyl Acetate
Concen: 19.108 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.1	21.1	31.7





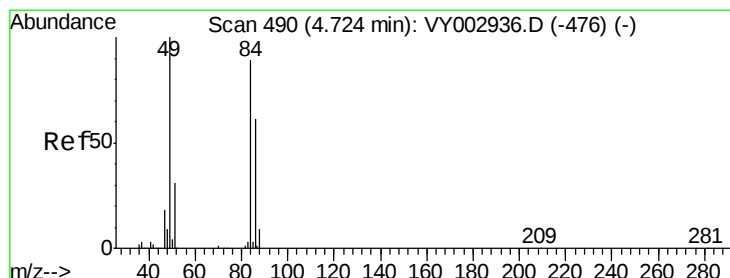
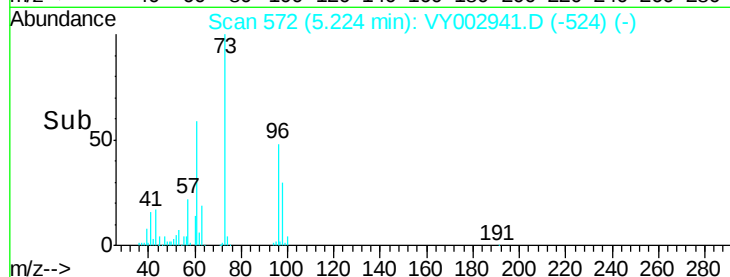
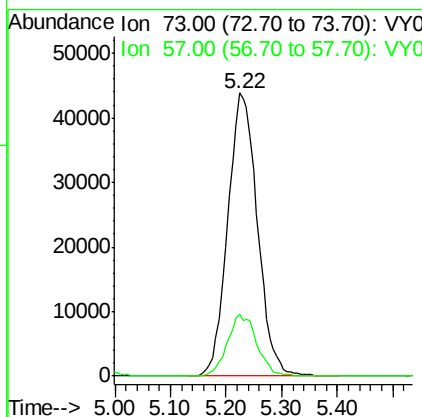
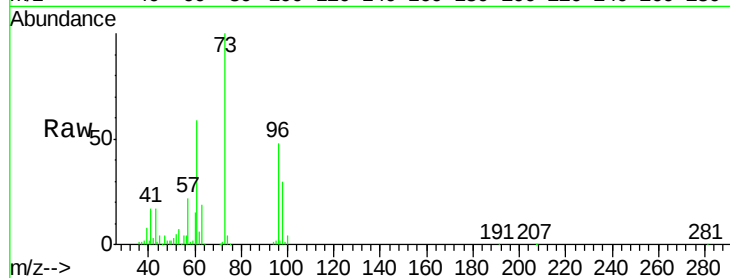
#19
Methvl tert-butvl Ether
Concen: 18.588 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tot Ion: 73 Resp: 161290
Ion Ratio Lower Upper
73 100
57 22.0 16.4 24.6

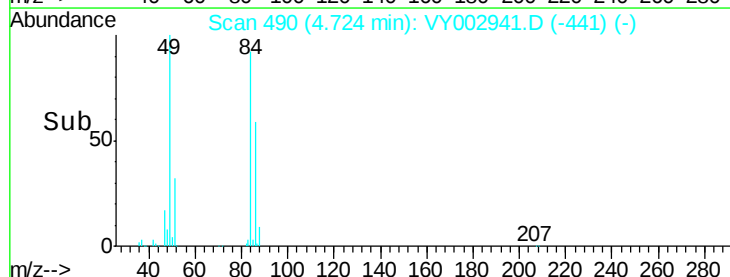
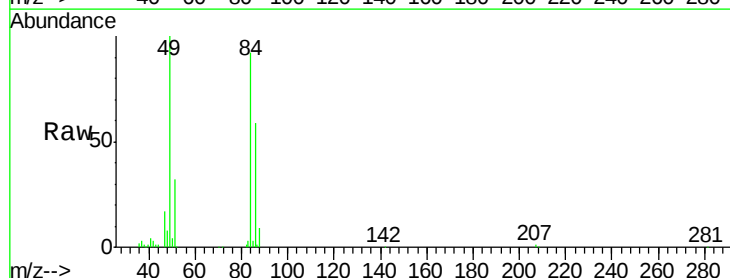
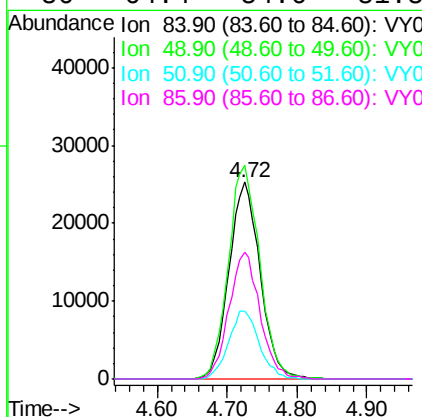
Manual Integrations
APPROVED

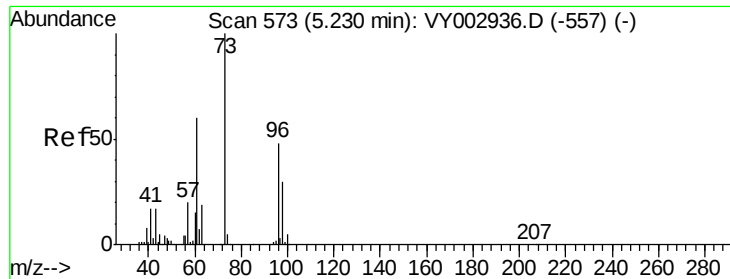
MMDadoda
6/22/2020 2:07:03 PM



#20
Methylene Chloride
Concen: 16.200 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion: 84 Resp: 78412
Ion Ratio Lower Upper
84 100
49 108.5 90.0 135.0
51 34.7 27.9 41.9
86 64.4 54.6 81.8





#21

trans-1,2-Dichloroethene

Concen: 18.283 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tot Ion: 96 Resp: 64672

Ion Ratio Lower Upper

96 100

61 124.6 100.6 150.8

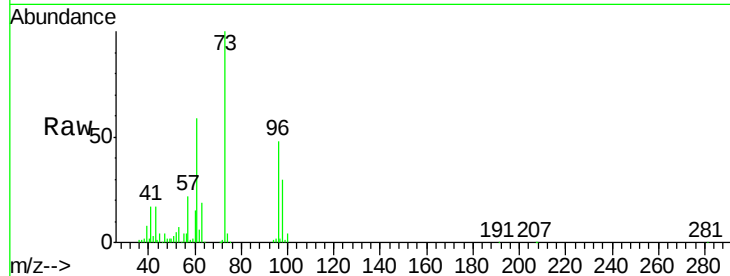
98 63.5 49.8 74.8

Manual Integrations

APPROVED

MMDadoda

6/22/2020 2:07:03 PM

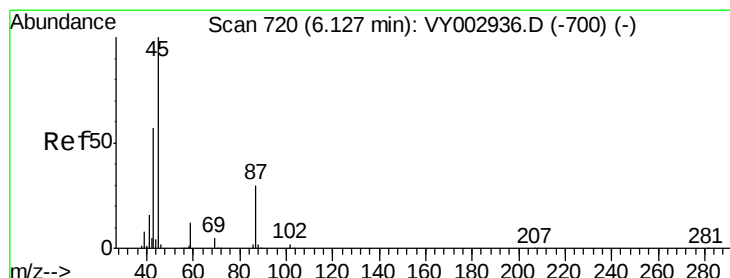
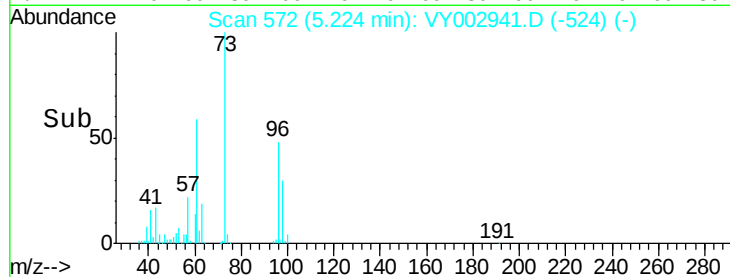
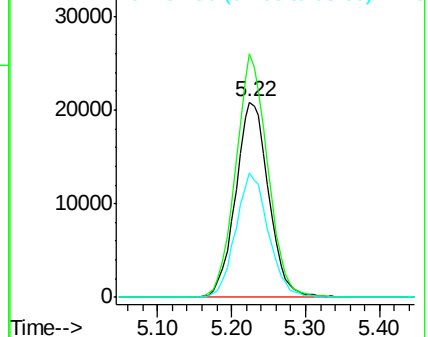


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 19.528 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Tgt Ion: 45 Resp: 183205

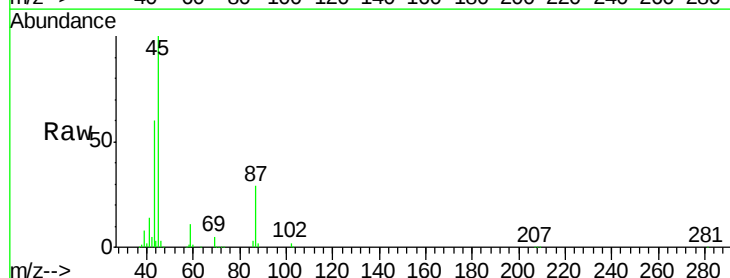
Ion Ratio Lower Upper

45 100

43 60.0 46.2 69.2

87 28.8 24.9 37.3

59 10.9 9.9 14.9



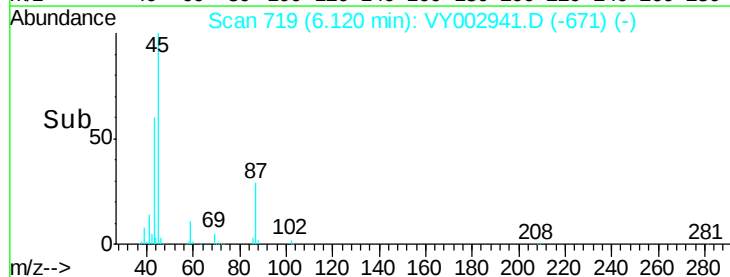
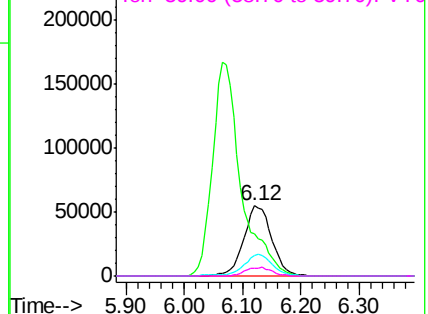
Abundance

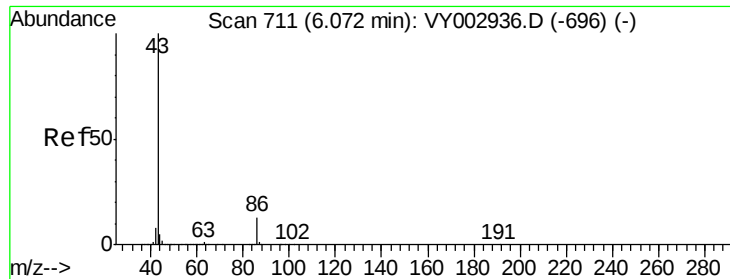
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 93.062 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tot Ion: 43 Resp: 564743

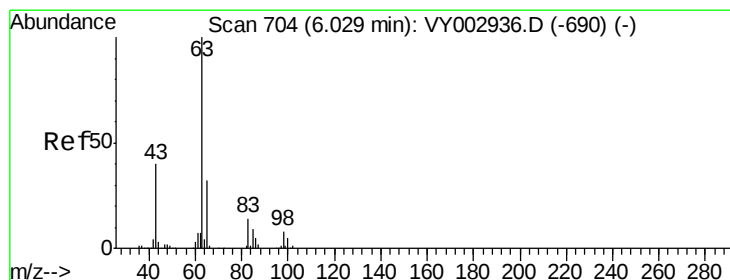
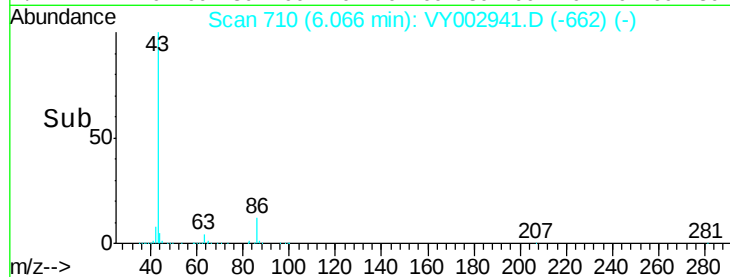
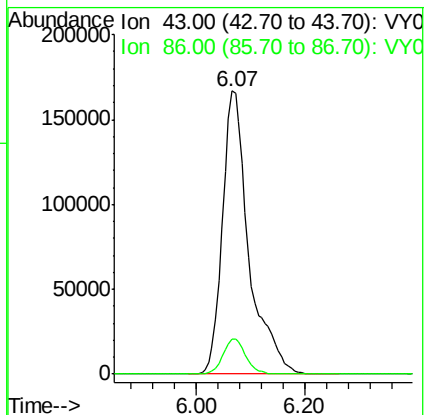
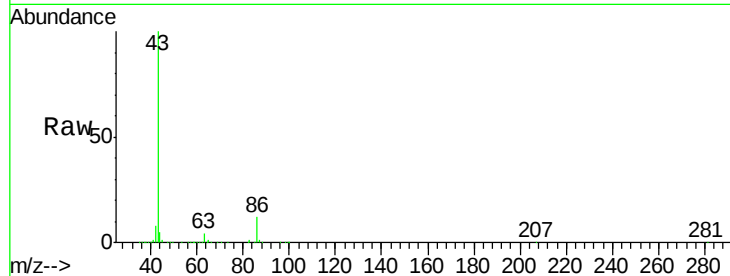
Ion Ratio Lower Upper

43 100

86 12.2 10.6 15.8

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:07:03 PM



#24

1,1-Dichloroethane

Concen: 18.737 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

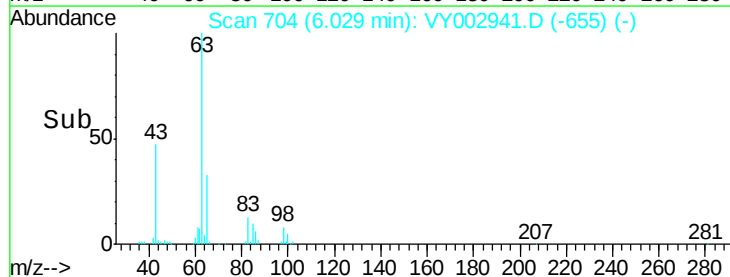
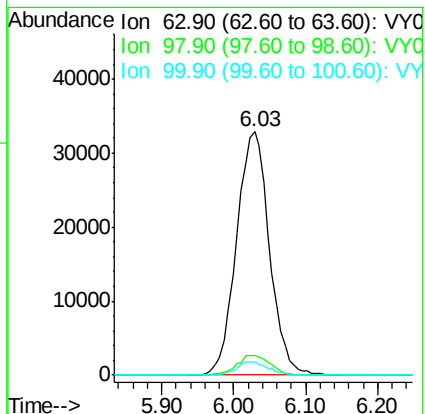
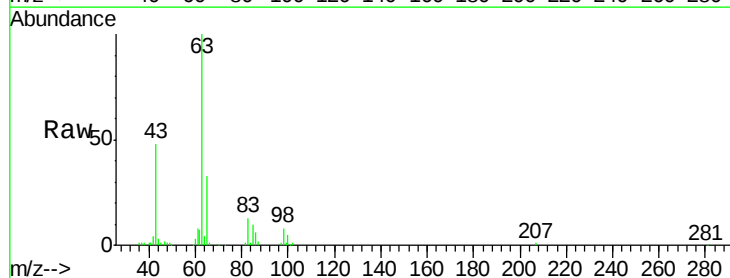
Tgt Ion: 63 Resp: 104139

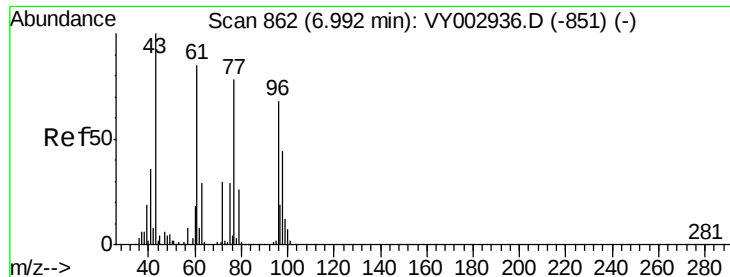
Ion Ratio Lower Upper

63 100

98 8.1 4.0 12.0

100 5.3 2.5 7.6





#25

2-Butanone

Concen: 91.440 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tot Ion: 43 Resp: 107146

Ion Ratio Lower Upper

43 100

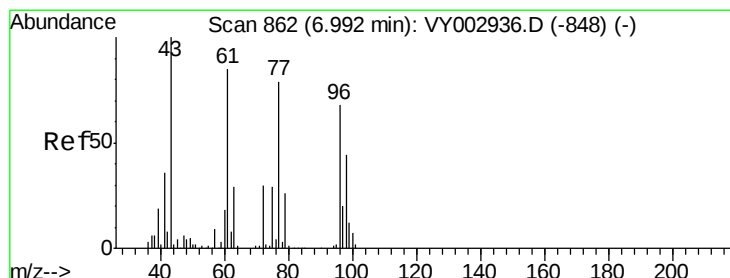
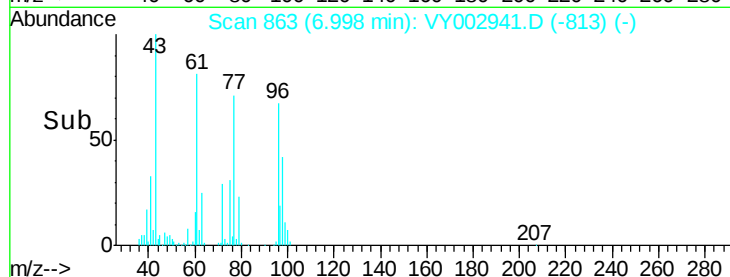
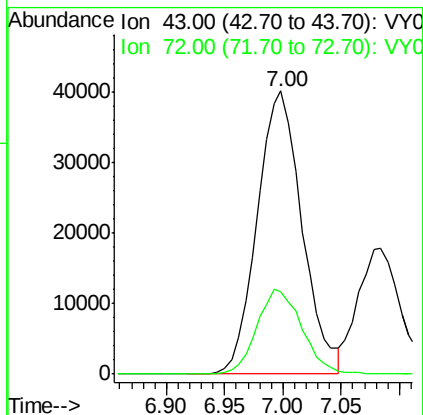
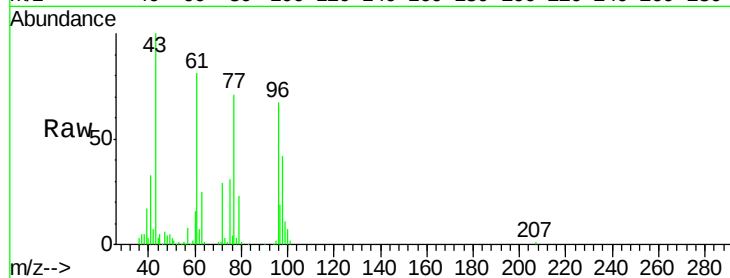
72 29.1 24.2 36.4

Manual Integrations

APPROVED

MMDadoda

6/22/2020 2:07:03 PM



#26

2,2-Dichloropropane

Concen: 18.998 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002941.D

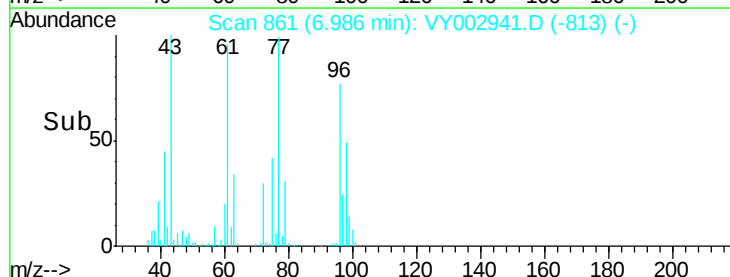
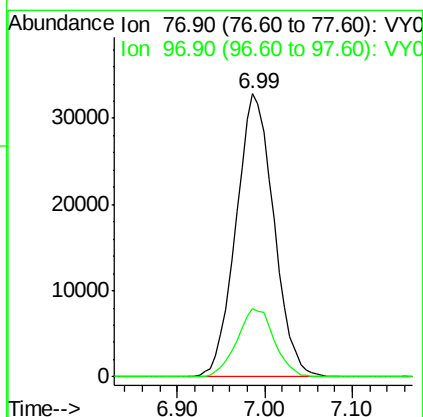
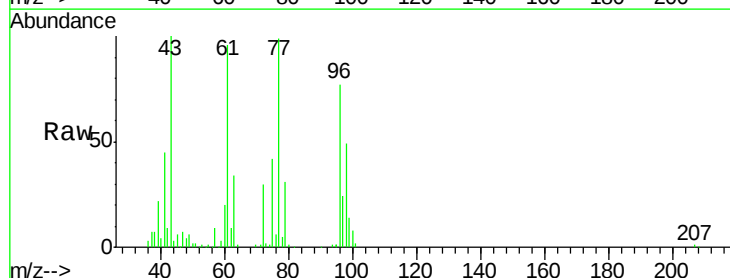
Acq: 19 Jun 2020 16:37

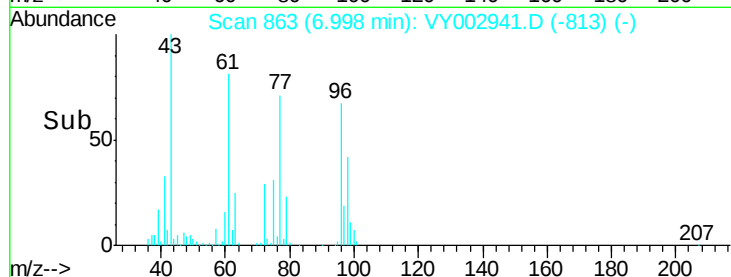
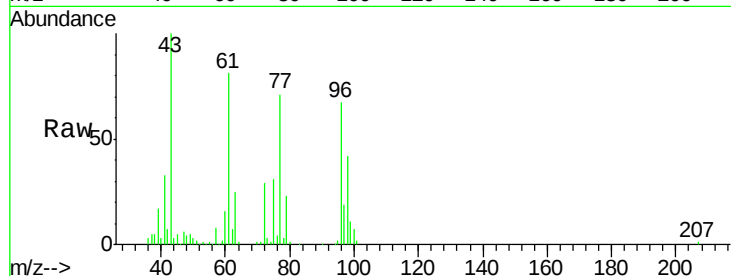
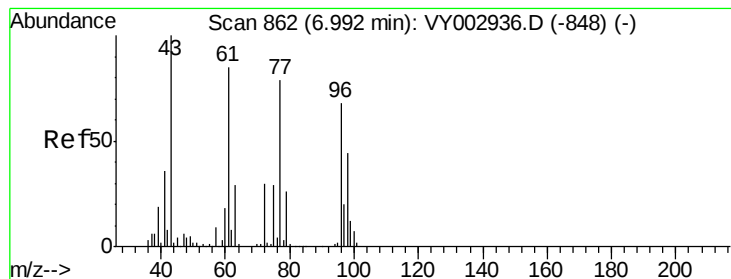
Tgt Ion: 77 Resp: 98613

Ion Ratio Lower Upper

77 100

97 24.0 12.3 36.9





#27

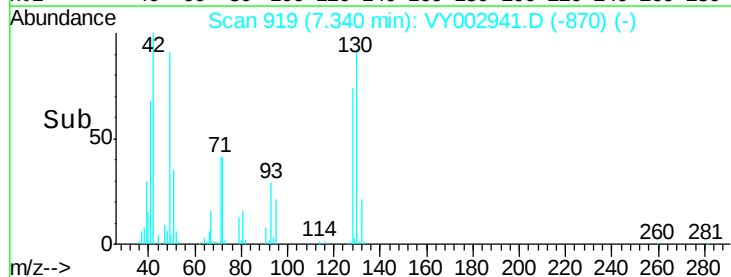
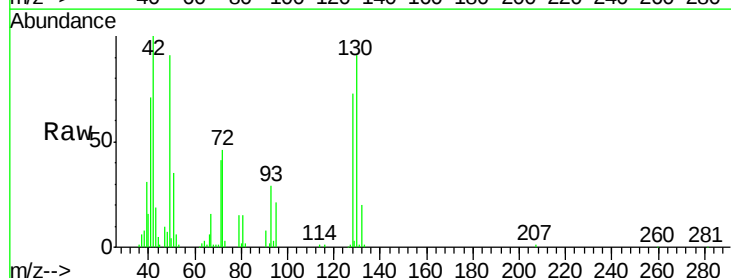
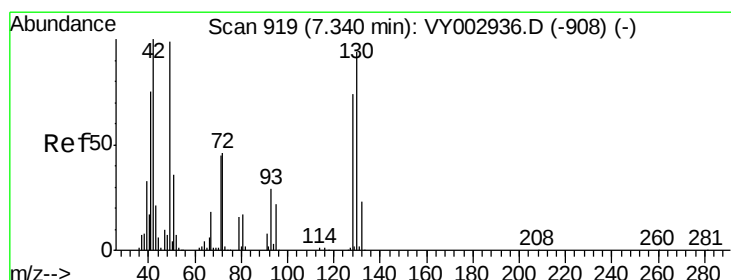
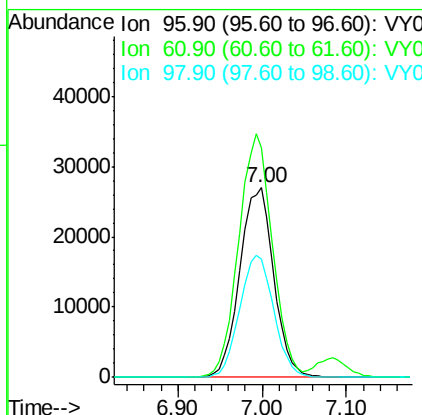
cis-1,2-Dichloroethene
Concen: 18.644 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.5	0.0	257.0
98	64.5	0.0	129.8

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Manual Integrations
APPROVED

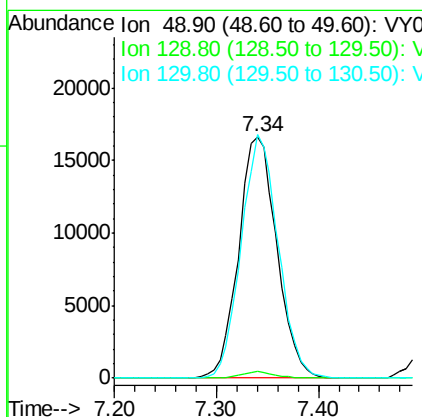
MMDadoda
6/22/2020 2:07:03 PM

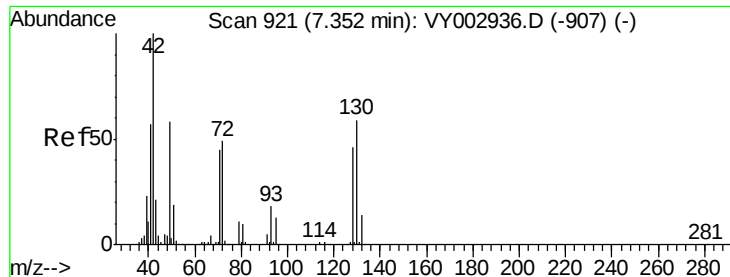


#28

Bromochloromethane
Concen: 18.618 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	97.5	78.4	117.6





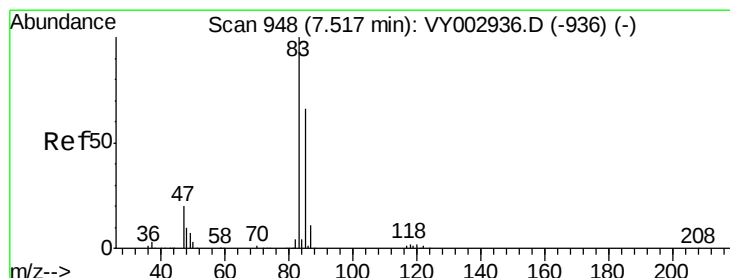
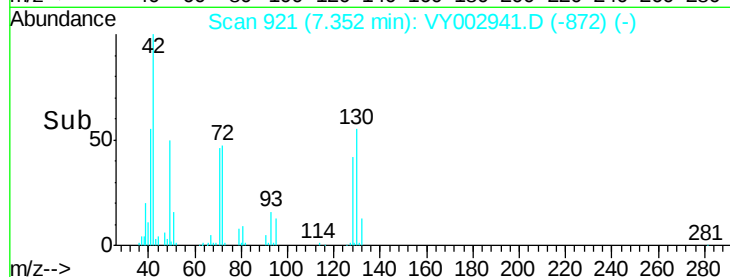
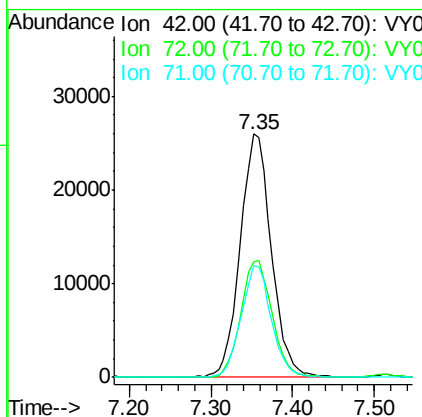
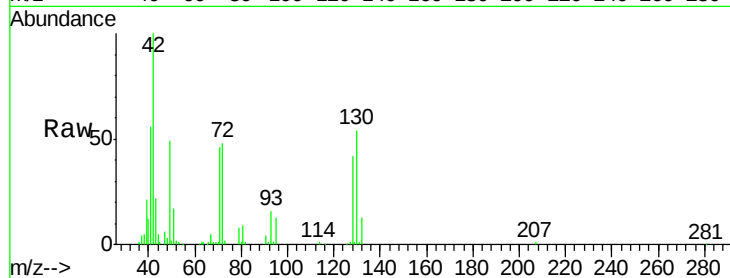
#29
Tetrahydrofuran
Concen: 91.108 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.2	39.1	58.7
71	44.6	36.4	54.6

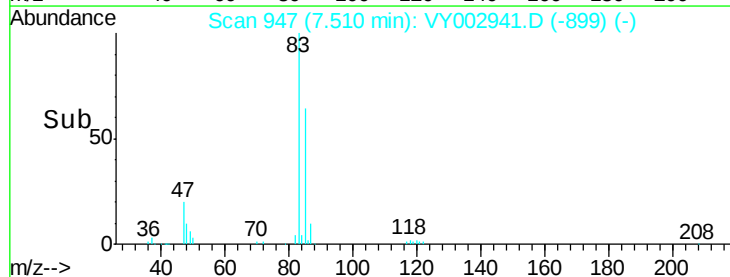
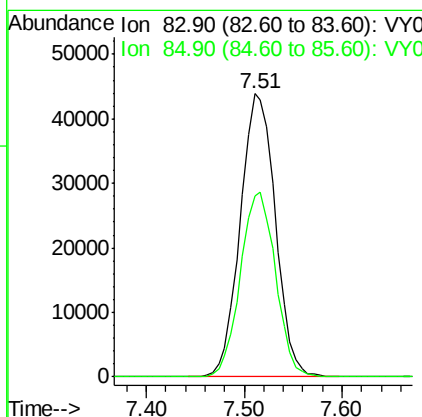
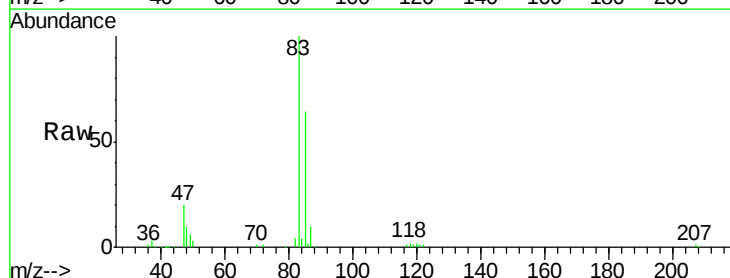
Manual Integrations
APPROVED

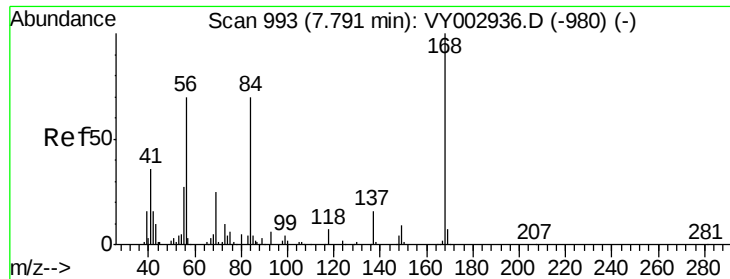
MMDadoda
6/22/2020 2:07:03 PM



#30
Chloroform
Concen: 18.777 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	53.1	79.7





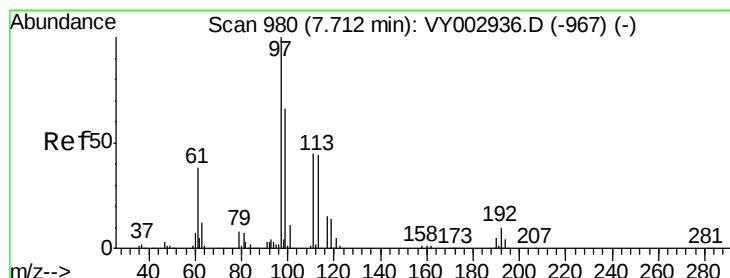
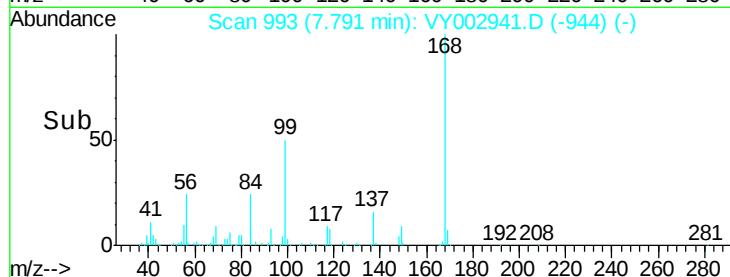
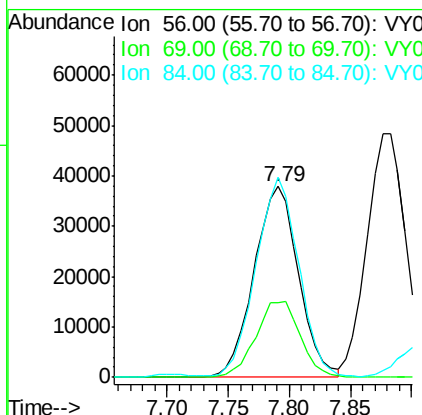
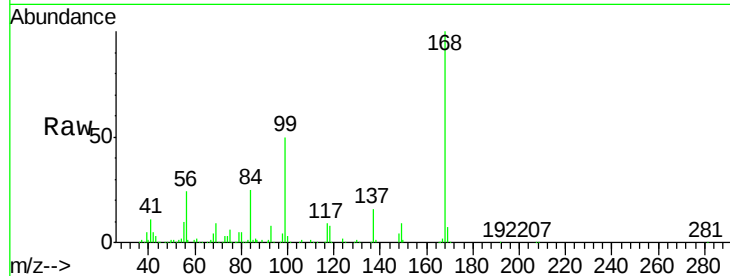
#31
Cyclohexane
Concen: 17.691 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.2	28.9	43.3
84	103.4	80.1	120.1

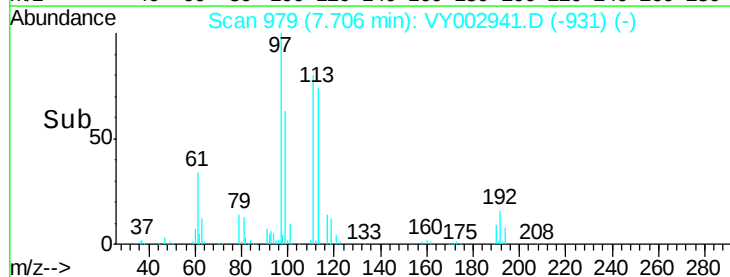
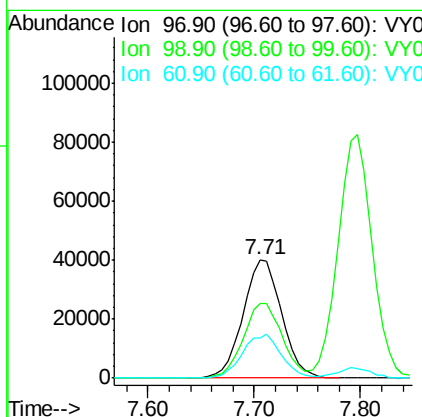
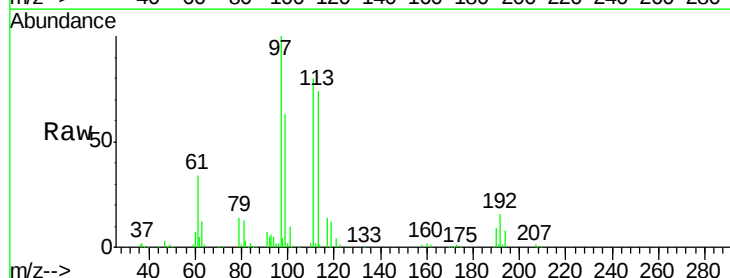
Manual Integrations
APPROVED

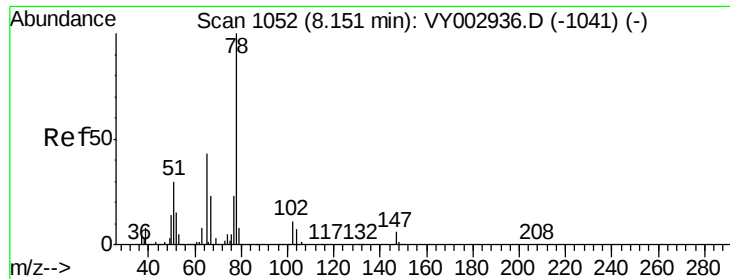
MMDadoda
6/22/2020 2:07:03 PM



#32
1,1,1-Trichloroethane
Concen: 18.920 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.2	78.2
61	37.5	30.3	45.5





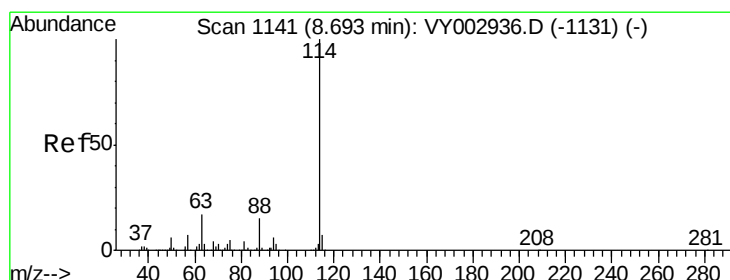
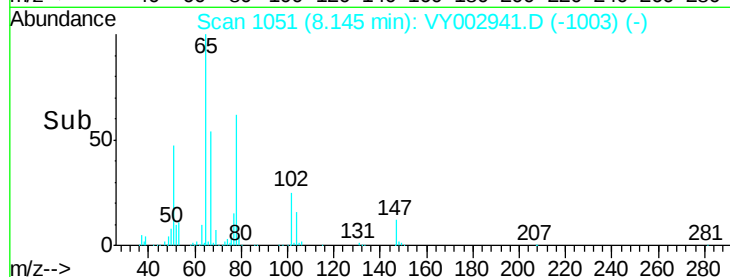
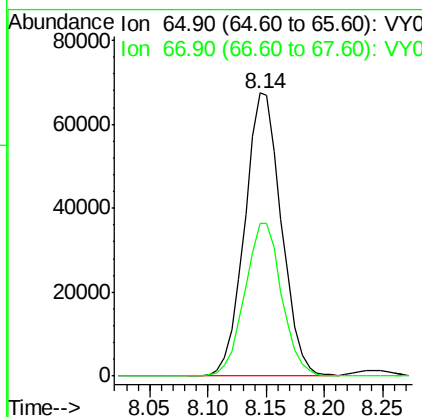
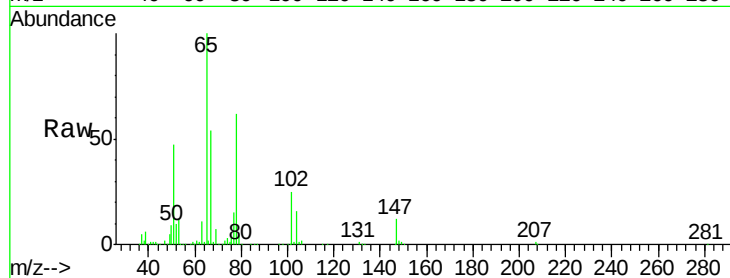
#33
 1,2-Dichloroethane-d4
 Concen: 46.903 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.3	0.0	109.4	

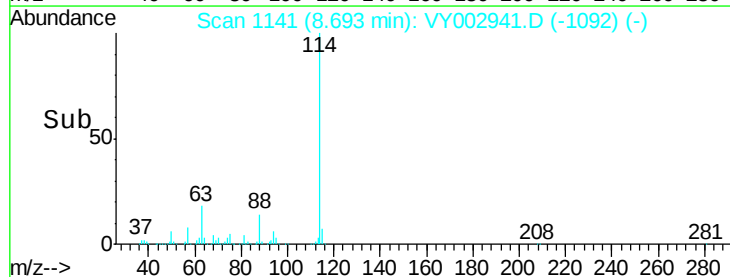
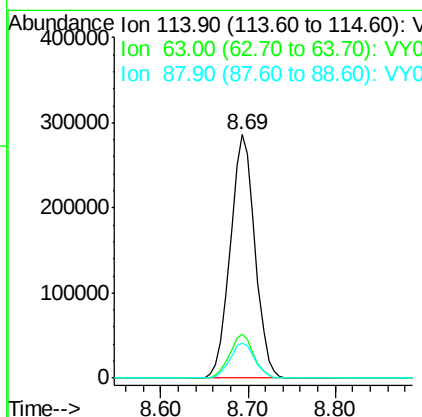
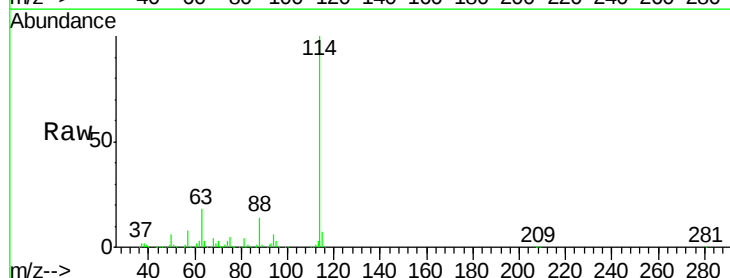
Manual Integrations
 APPROVED

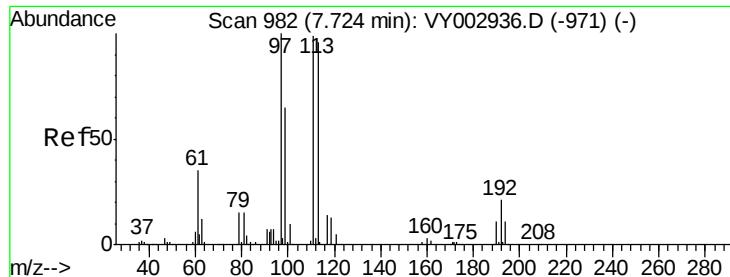
MMDadoda
 6/22/2020 2:07:03 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.8	0.0	34.6	
88	14.5	0.0	29.2	





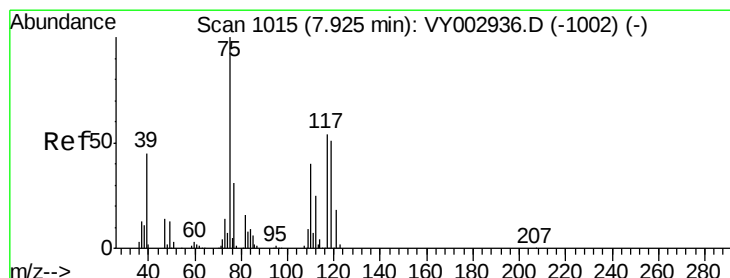
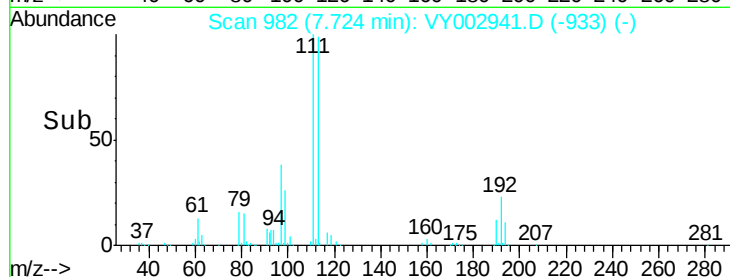
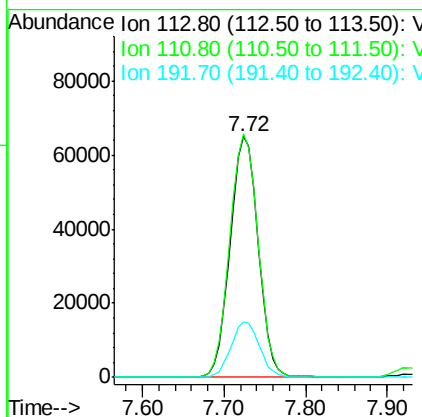
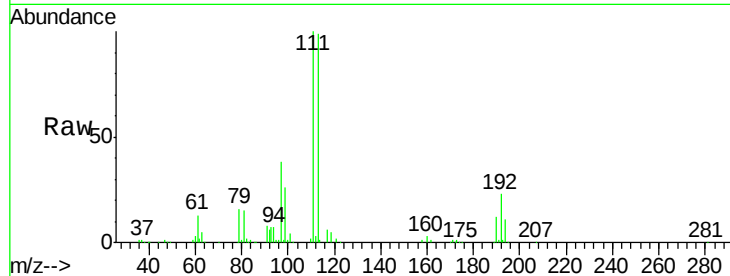
#35
Dibromofluoromethane
Concen: 48.722 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.7	81.5	122.3	
192	23.3	19.2	28.8	

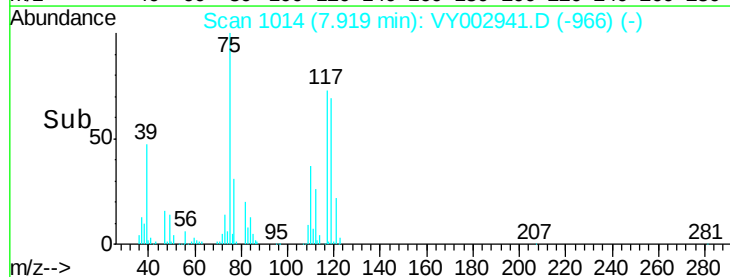
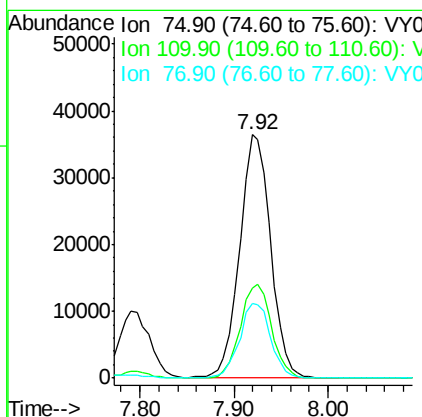
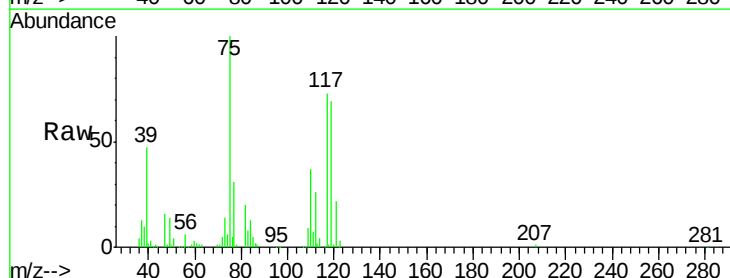
Manual Integrations
APPROVED

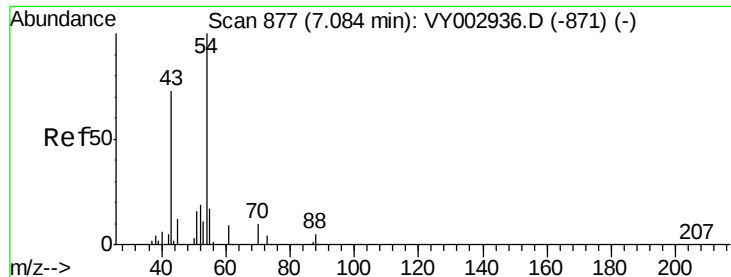
MMDadoda
6/22/2020 2:07:03 PM



#36
1,1-Dichloropropene
Concen: 18.502 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	38.9	19.7	59.0	
77	30.7	25.0	37.4	





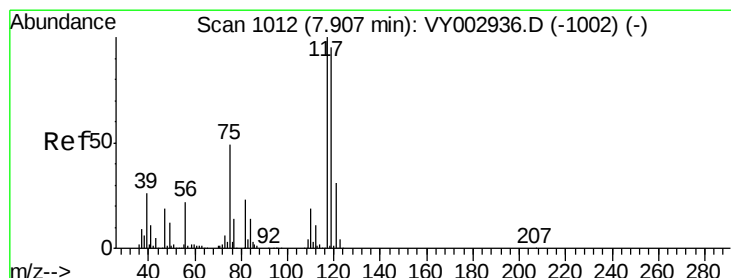
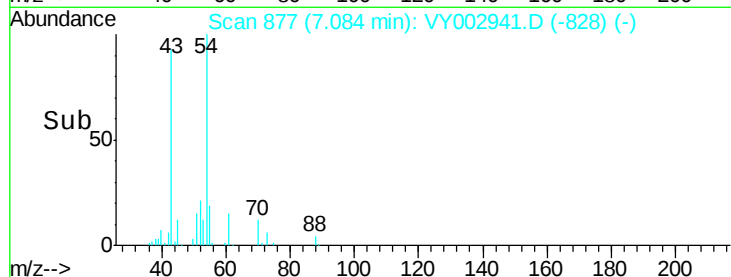
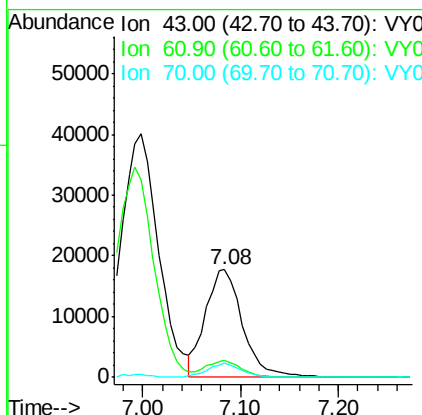
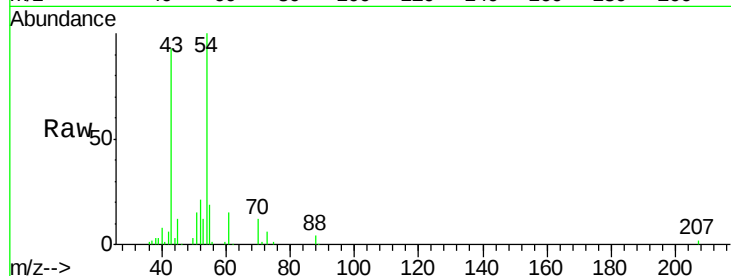
#37
Ethyl Acetate
Concen: 18.447 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.3	18.5
70	11.8	9.7	14.5

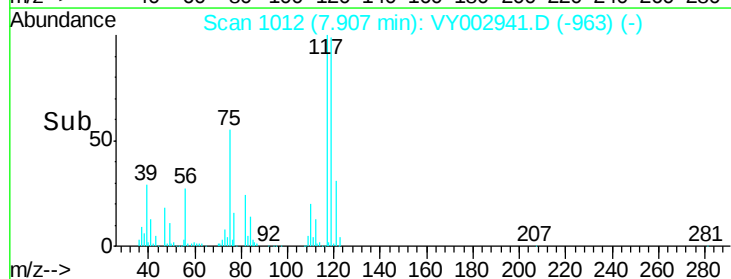
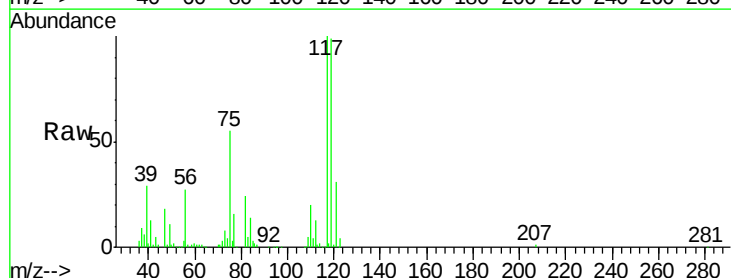
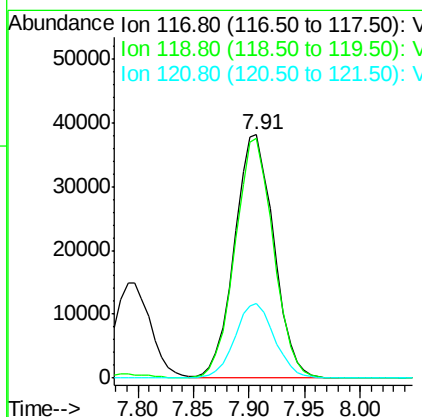
Manual Integrations
APPROVED

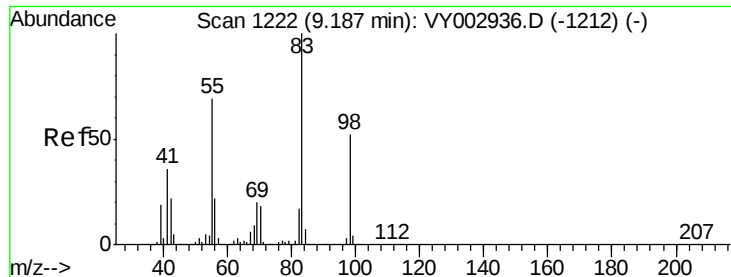
MMDadoda
6/22/2020 2:07:03 PM



#38
Carbon Tetrachloride
Concen: 18.691 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	76.1	114.1
121	30.6	24.8	37.2





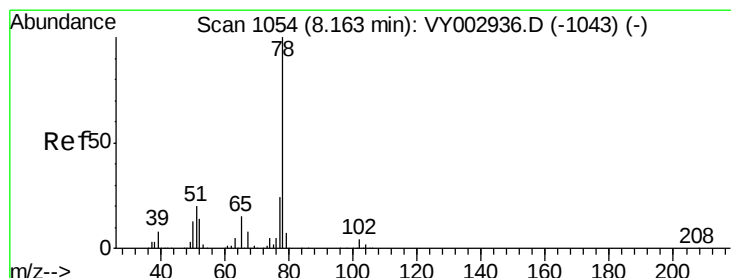
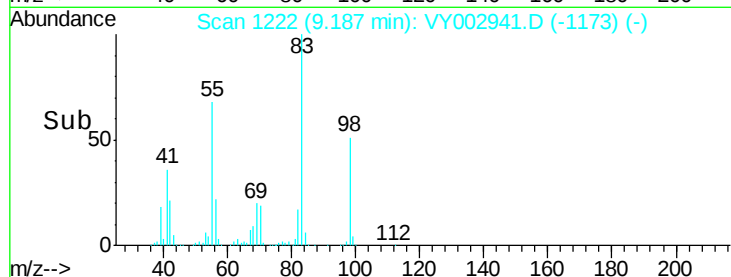
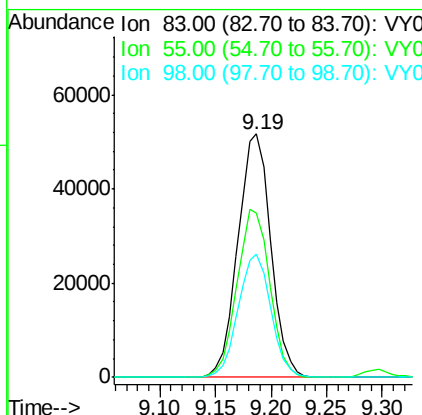
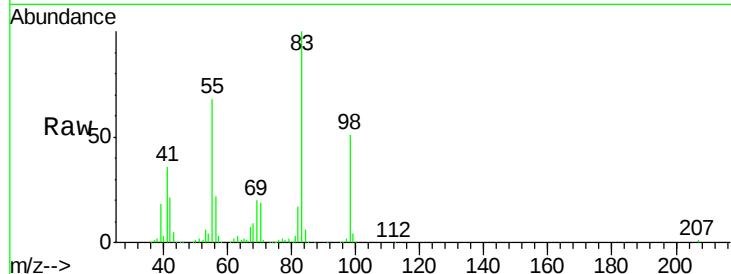
#39
Methvlcvclohexane
Concen: 17.705 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.5	55.0	82.4
98	50.9	41.4	62.2

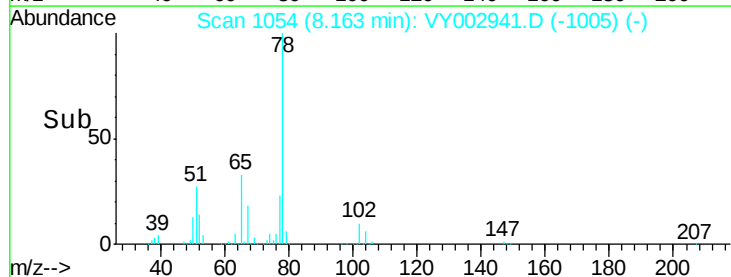
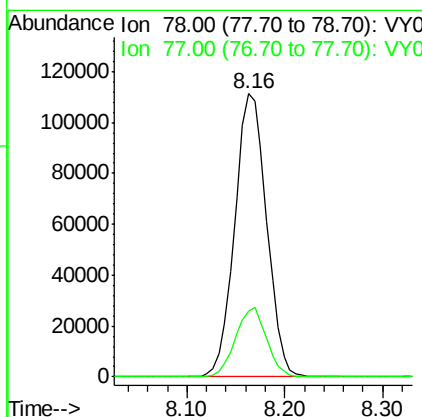
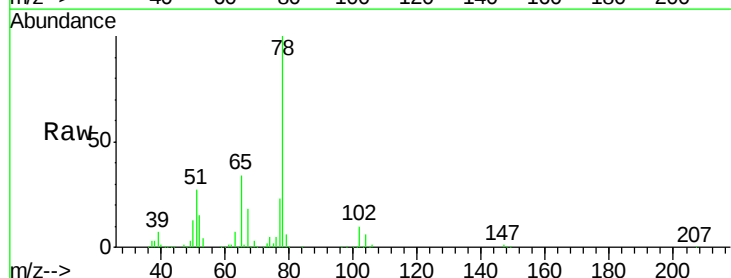
Manual Integrations
APPROVED

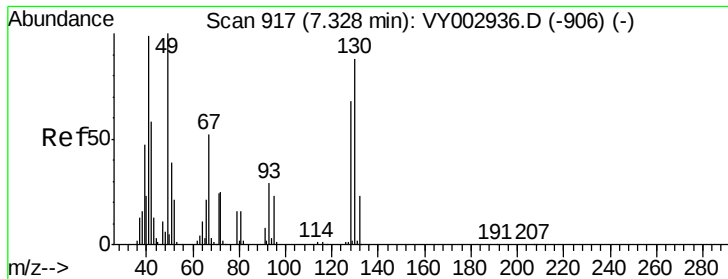
MMDadoda
6/22/2020 2:07:03 PM



#40
Benzene
Concen: 18.590 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.3	28.9





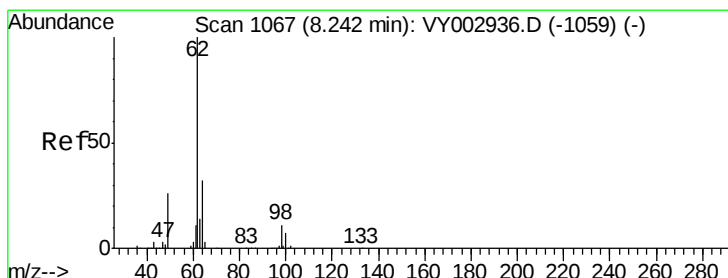
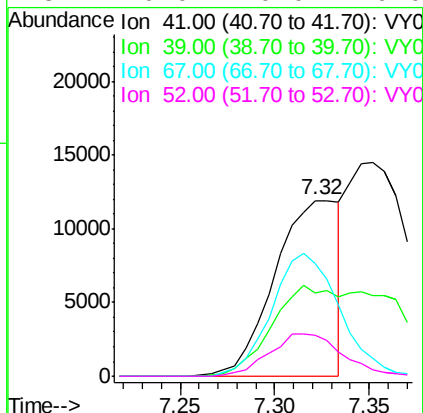
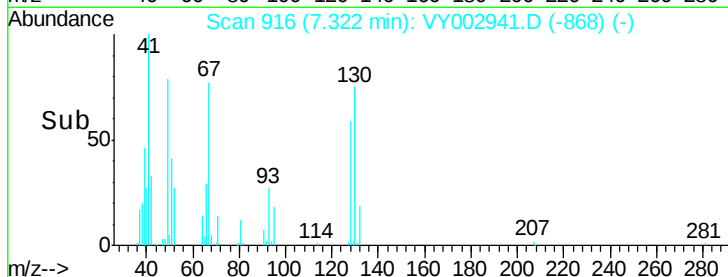
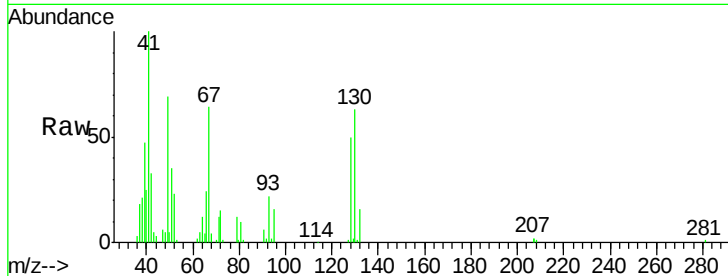
#41
Methacrylonitrile
Concen: 22.513 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tot Ion	41	Resp	28421
Ion Ratio	Lower	Upper	
41	100		
39	0.0	96.6	144.8#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

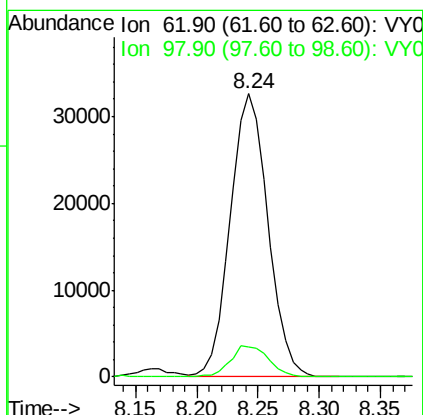
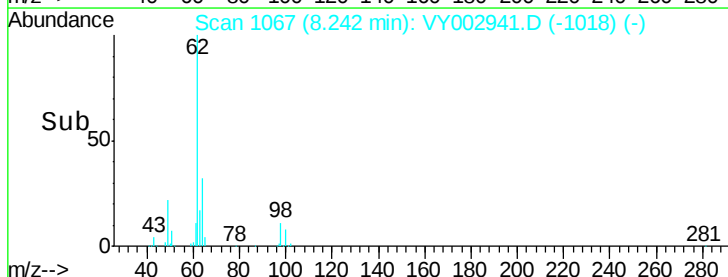
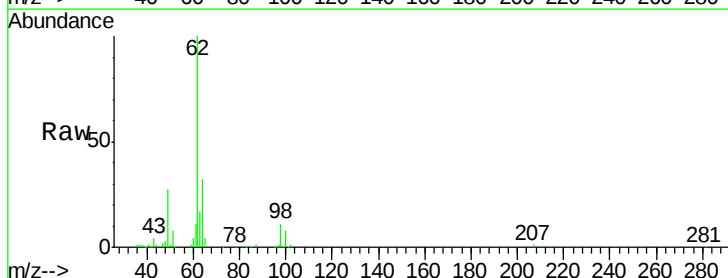
Manual Integrations
APPROVED

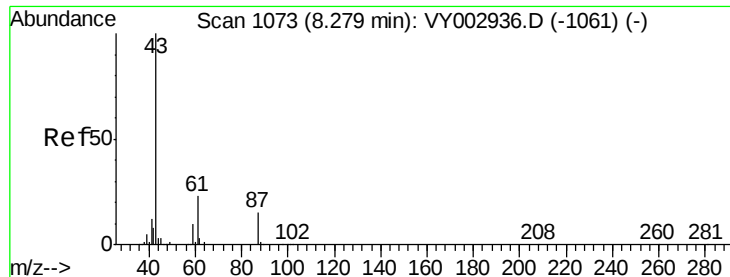
MMDadoda
6/22/2020 2:07:03 PM



#42
1,2-Dichloroethane
Concen: 18.589 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion	62	Resp	69755
Ion Ratio	Lower	Upper	
62	100		
98	11.2	0.0	22.6





#43

Isopropyl Acetate

Concen: 18.228 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

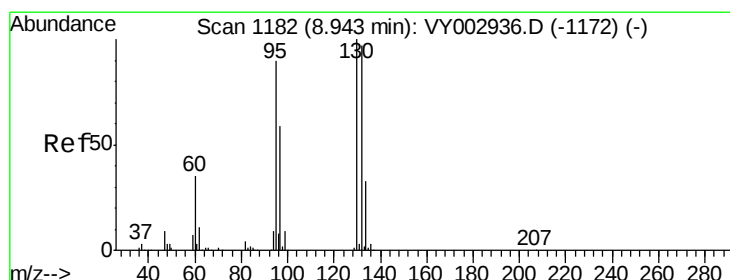
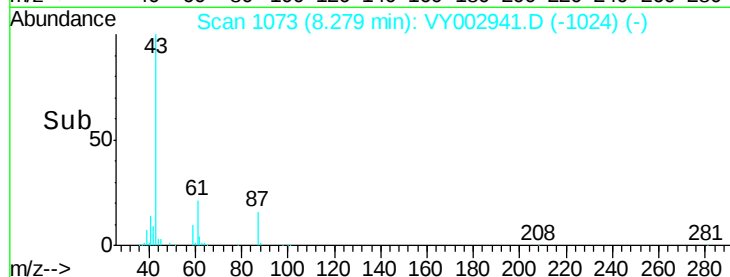
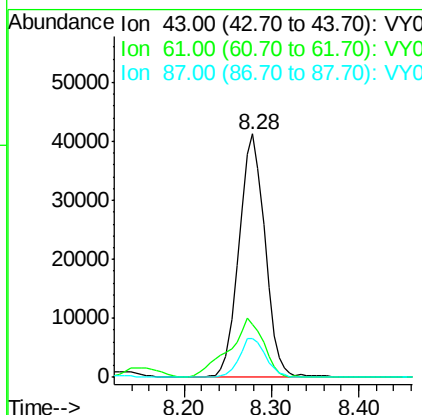
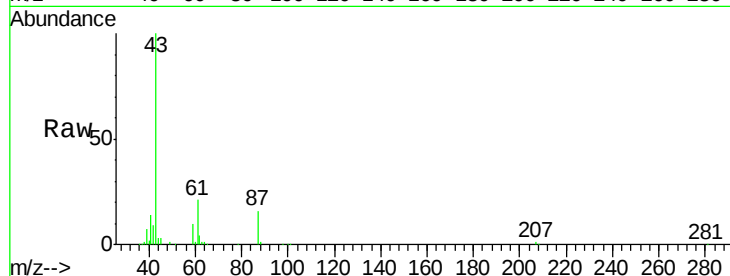
ClientSampleId :

VY0619SBS01

Tot Ion:	43	Resp:	85593
Ion	Ratio	Lower	Upper
43	100		
61	31.7	25.0	37.4
87	16.2	12.6	18.8

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:07:03 PM



#44

Trichloroethene

Concen: 18.645 ug/l

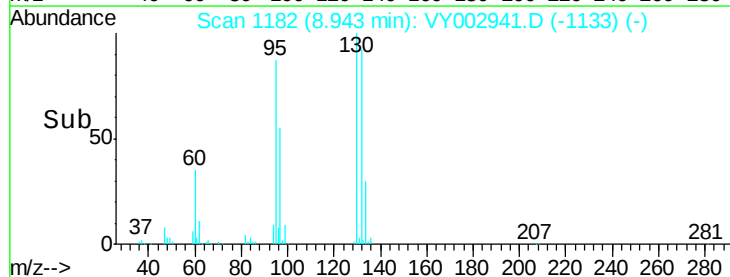
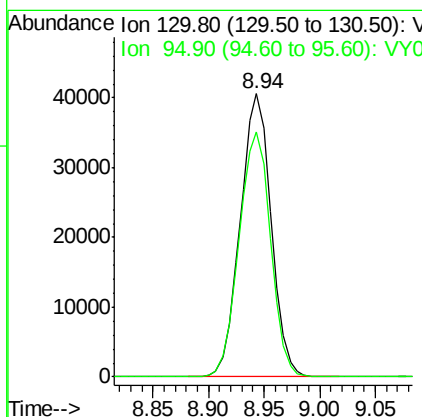
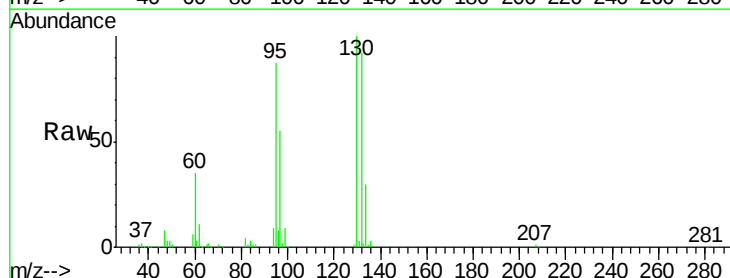
RT: 8.94 min Scan# 1182

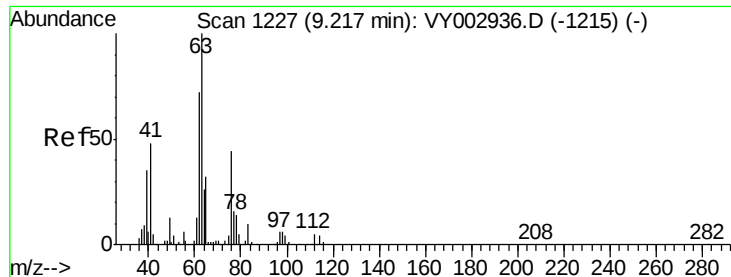
Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Tgt Ion:	130	Resp:	78081
Ion	Ratio	Lower	Upper
130	100		
95	86.6	0.0	179.6





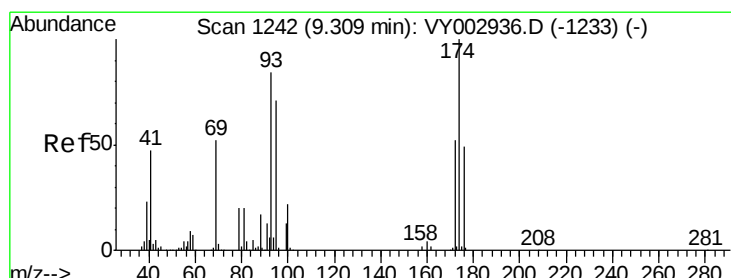
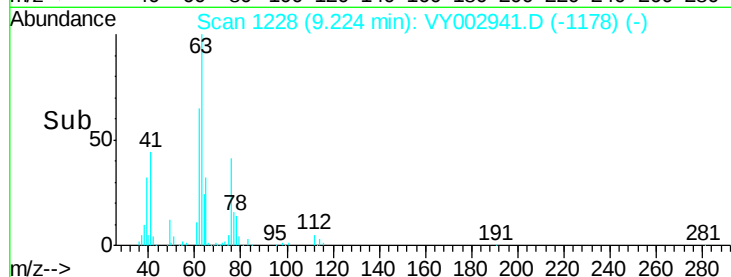
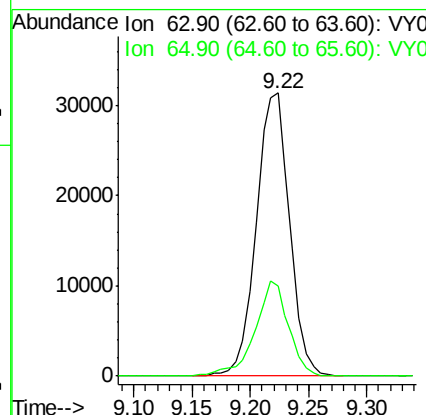
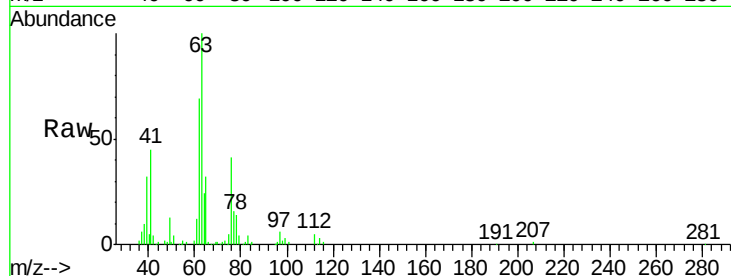
#45
 1,2-Dichloropropane
 Concen: 19.206 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.5	38.3

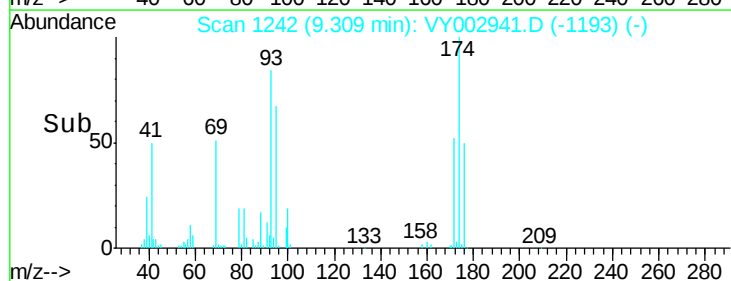
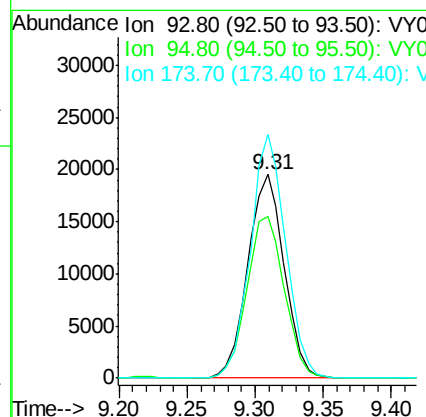
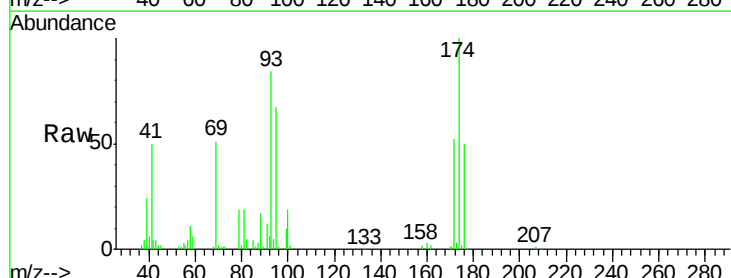
Manual Integrations
 APPROVED

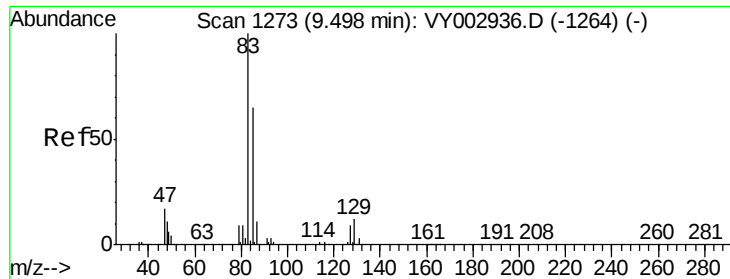
MMDadoda
 6/22/2020 2:07:03 PM



#46
 Dibromomethane
 Concen: 18.838 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.8	66.4	99.6
174	116.3	95.1	142.7





#47

Bromodichloromethane

Concen: 18.951 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

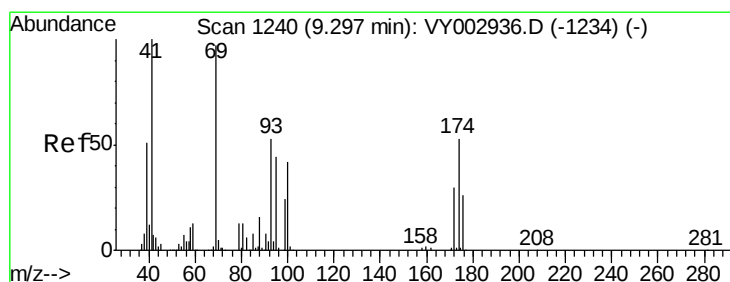
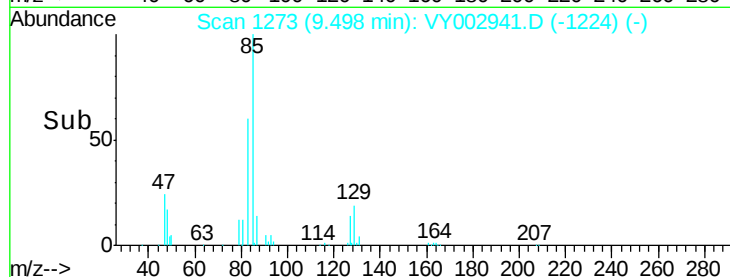
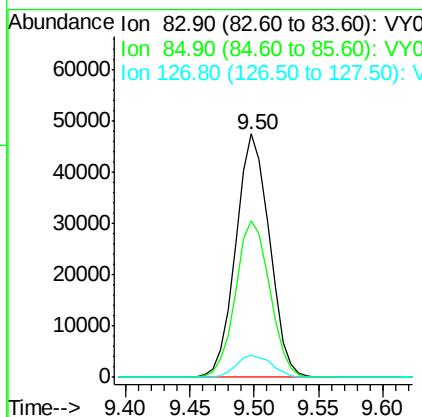
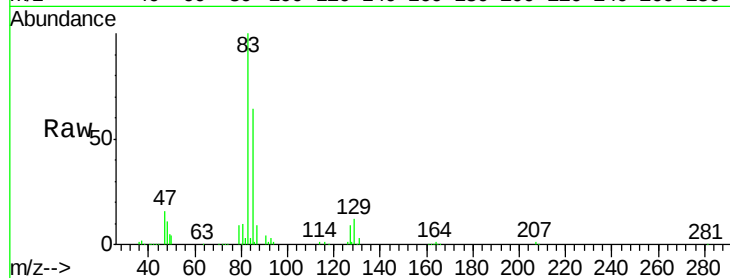
ClientSampleId :

VY0619SBS01

Tot Ion:	83	Resp:	85892
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.9	77.9
127	9.1	7.4	11.0

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:07:03 PM



#48

Methyl methacrylate

Concen: 18.736 ug/l

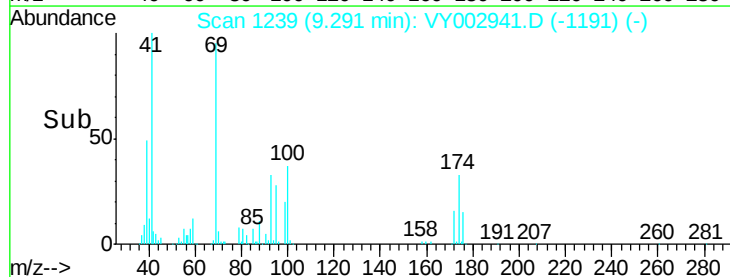
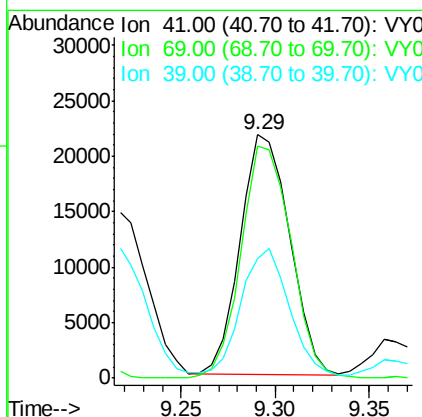
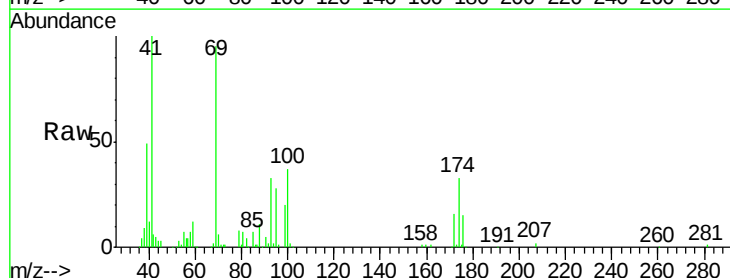
RT: 9.29 min Scan# 1239

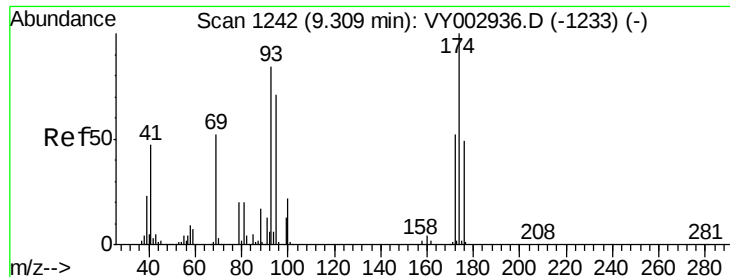
Delta R.T. -0.01 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Tgt Ion:	41	Resp:	39476
Ion	Ratio	Lower	Upper
41	100		
69	98.2	79.4	119.0
39	53.5	41.1	61.7





#49

1,4-Dioxane

Concen: 374.765 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

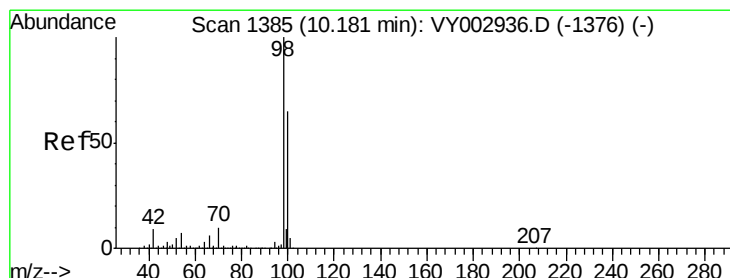
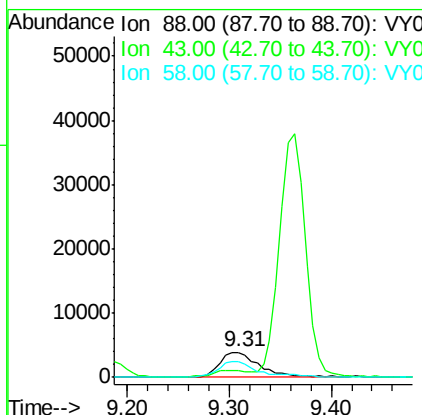
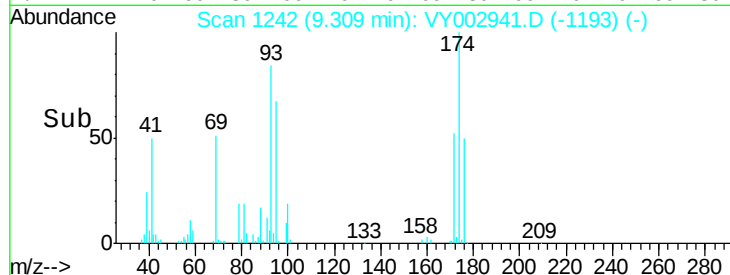
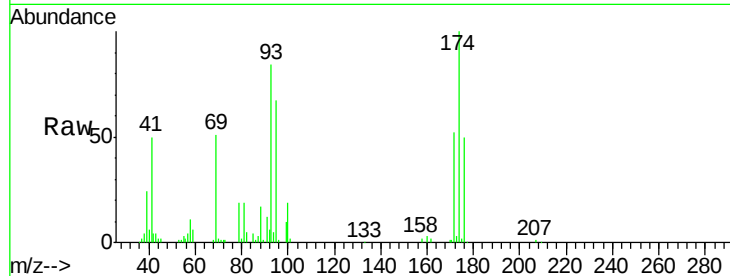
ClientSampleId :

VY0619SBS01

Tot Ion:	88	Resp:	10663
Ion	Ratio	Lower	Upper
88	100		
43	25.1	21.0	31.6
58	65.4	51.5	77.3

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:07:03 PM



#50

Toluene-d8

Concen: 49.215 ug/l

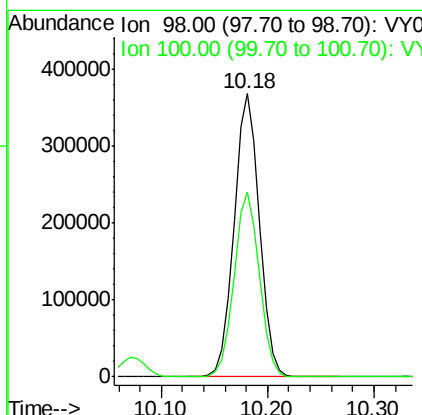
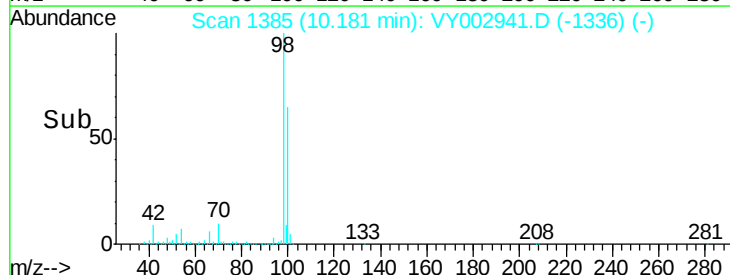
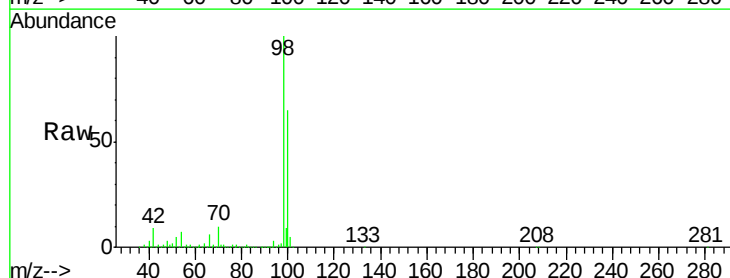
RT: 10.18 min Scan# 1385

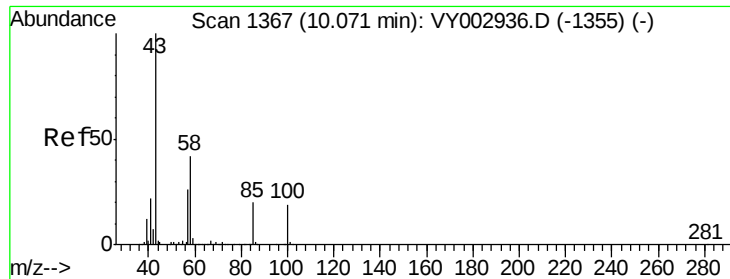
Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Tgt Ion:	98	Resp:	613962
Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 92.298 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tot Ion: 43 Resp: 229667

Ion Ratio Lower Upper

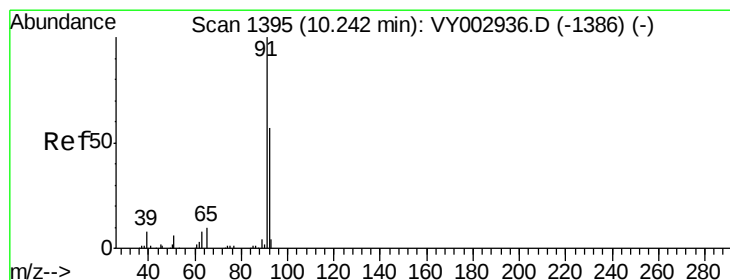
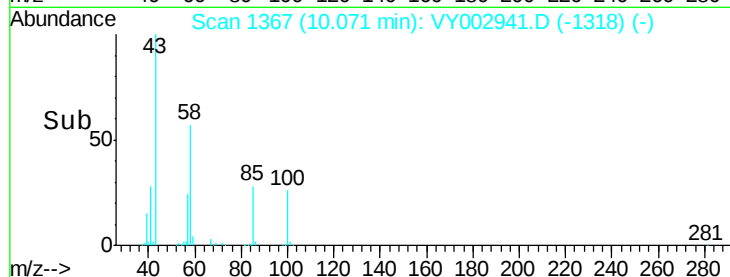
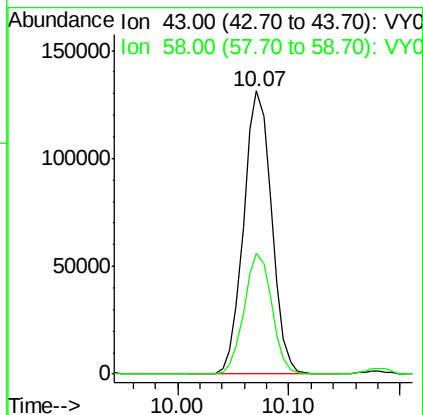
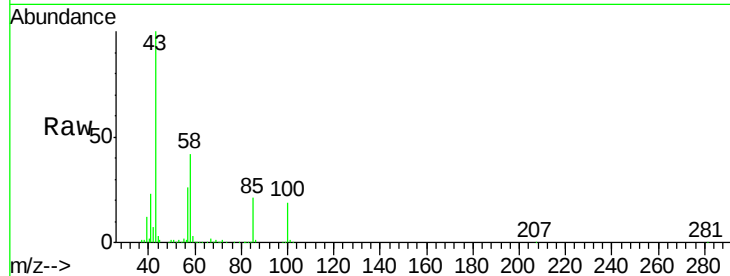
43 100

58 42.3 33.9 50.9

Manual Integrations
APPROVED

MMDadoda

6/22/2020 2:07:03 PM



#52

Toluene

Concen: 18.837 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002941.D

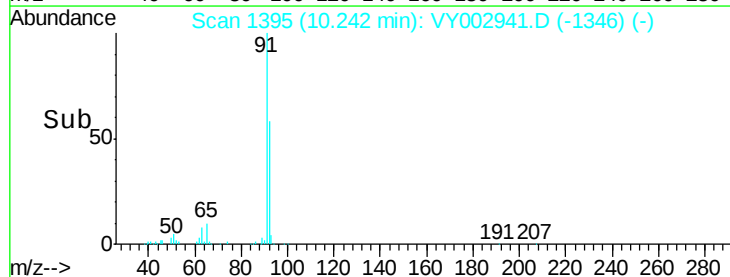
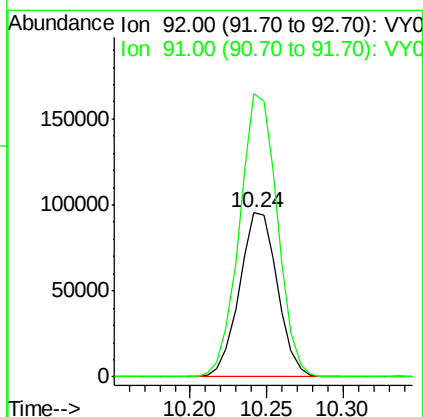
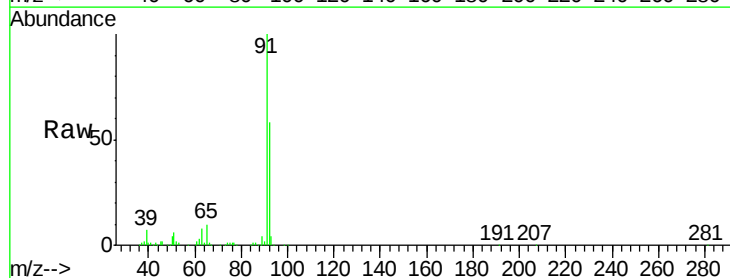
Acq: 19 Jun 2020 16:37

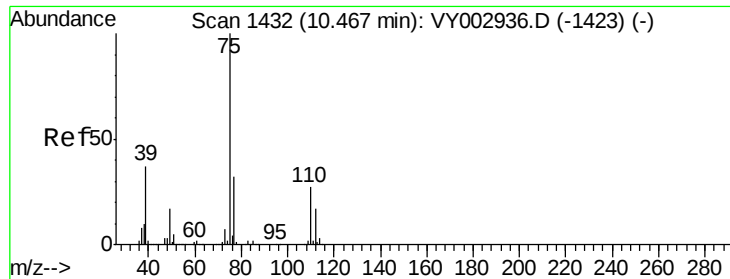
Tgt Ion: 92 Resp: 164823

Ion Ratio Lower Upper

92 100

91 171.5 139.3 208.9





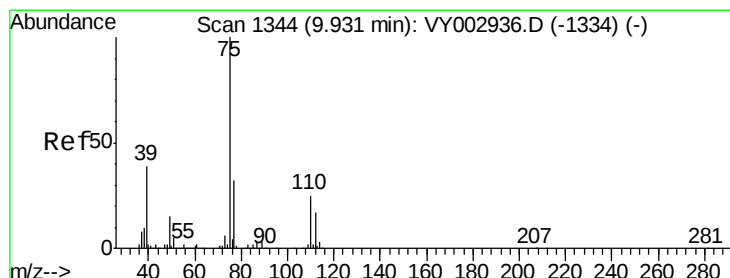
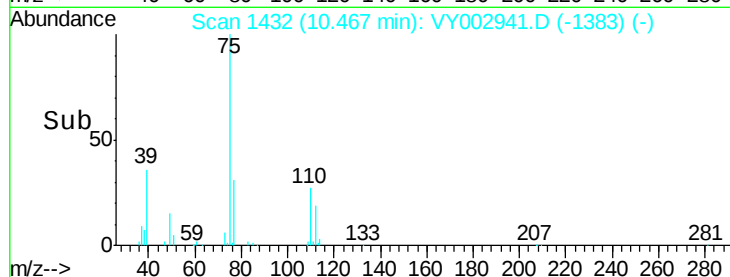
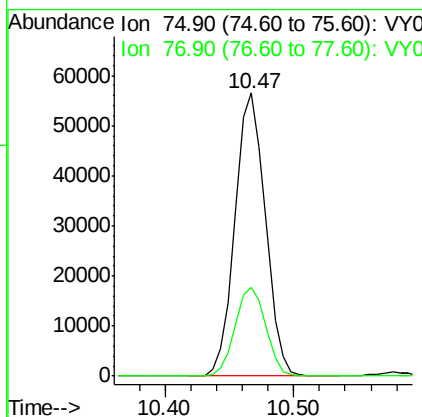
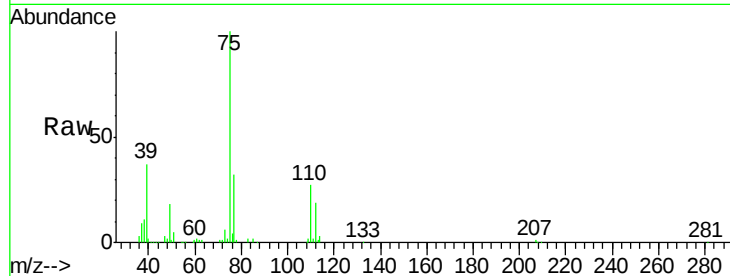
#53
t-1,3-Dichloropropene
Concen: 18.809 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tot Ion: 75 Resp: 92652
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9

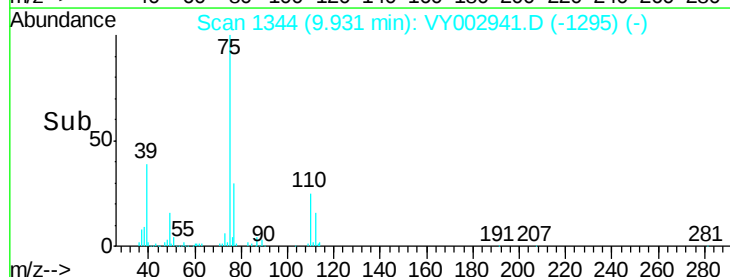
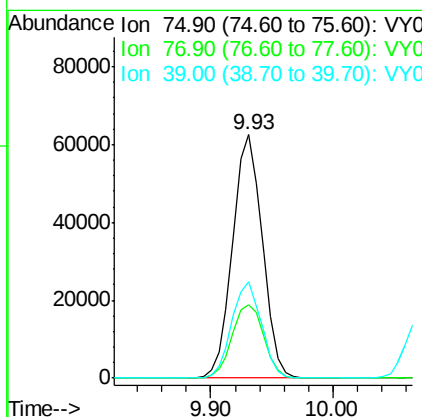
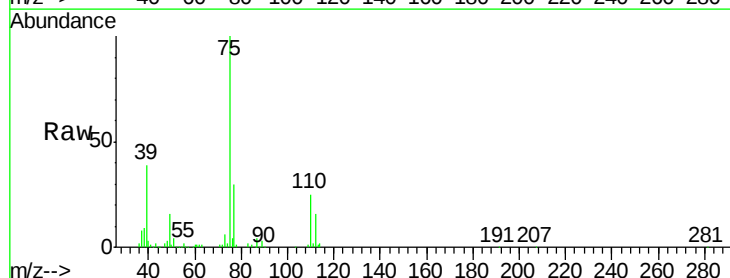
Manual Integrations
APPROVED

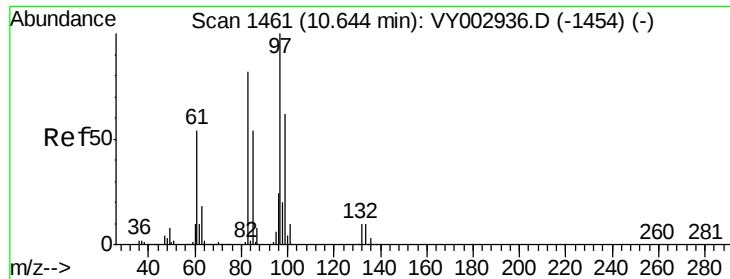
MMDadoda
6/22/2020 2:07:03 PM



#54
cis-1,3-Dichloropropene
Concen: 18.875 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion: 75 Resp: 105242
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.2
39 39.4 31.4 47.0





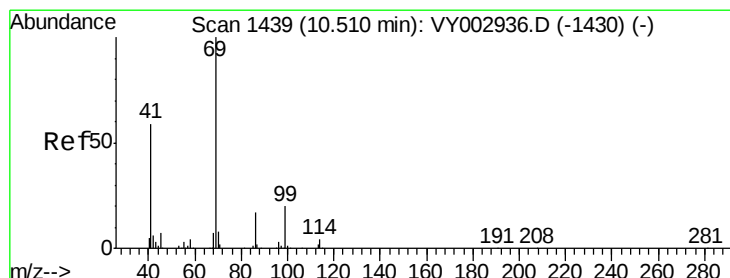
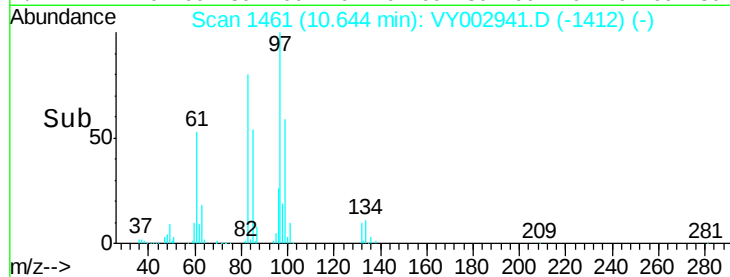
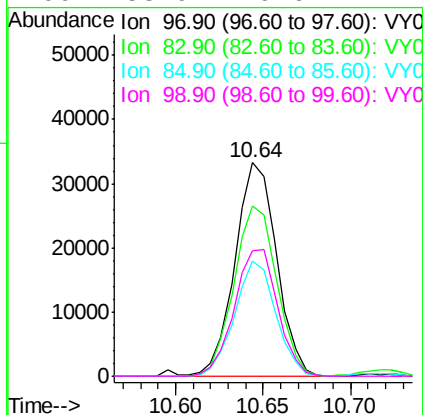
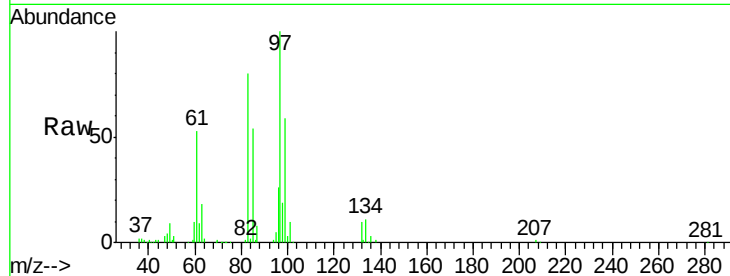
#55
 1,1,2-Trichloroethane
 Concen: 18.986 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Tot Ion:	97	Resp:	54967
Ion	Ratio	Lower	Upper
97	100		
83	79.5	65.9	98.9
85	54.0	43.1	64.7
99	58.9	49.6	74.4

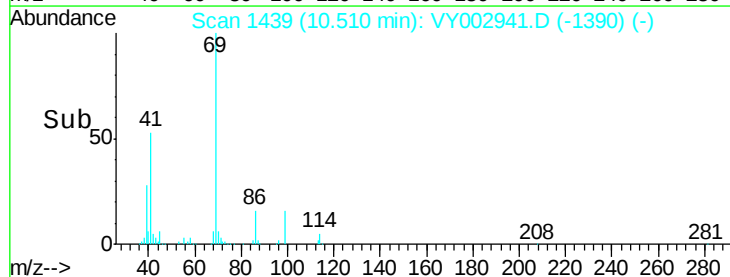
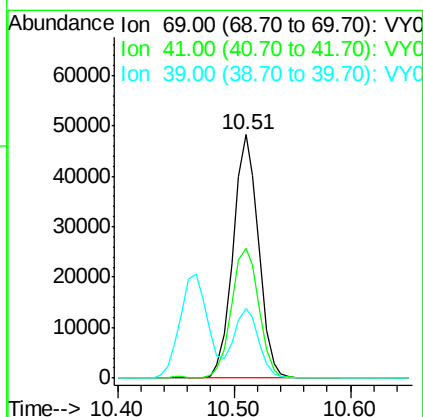
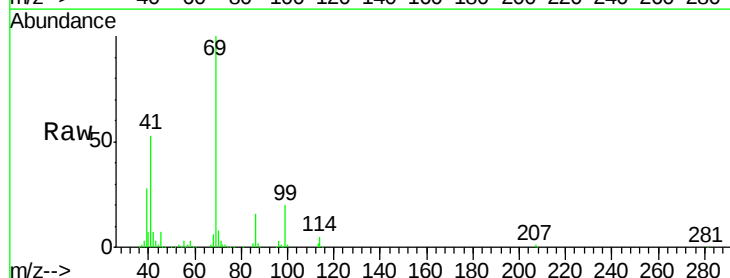
Manual Integrations
 APPROVED

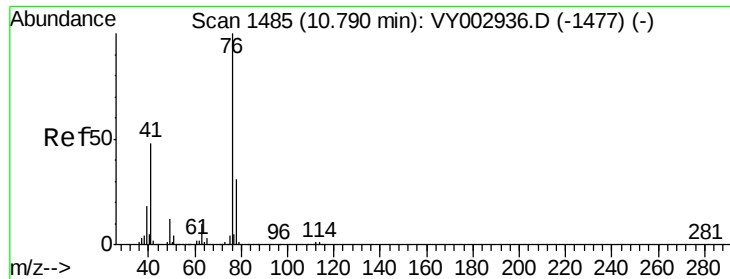
MMDadoda
 6/22/2020 2:07:03 PM



#56
 Ethyl methacrylate
 Concen: 18.855 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Tgt Ion:	69	Resp:	73582
Ion	Ratio	Lower	Upper
69	100		
41	57.1	46.4	69.6
39	27.4	21.4	32.0





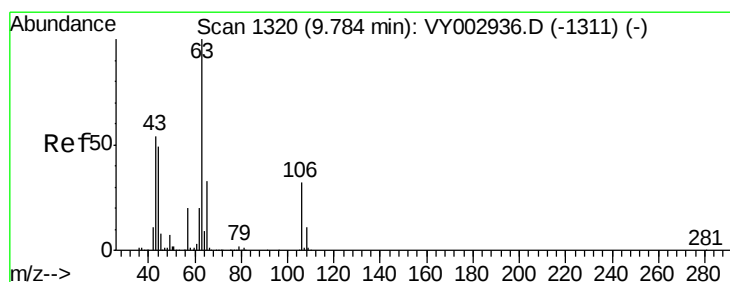
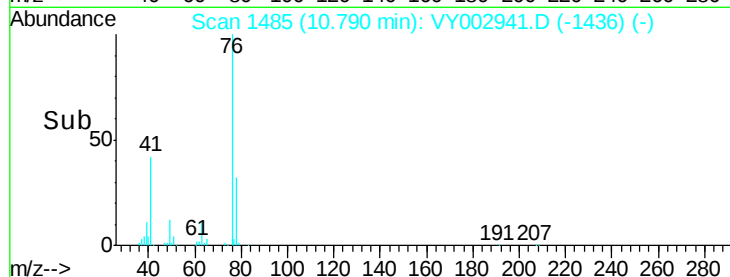
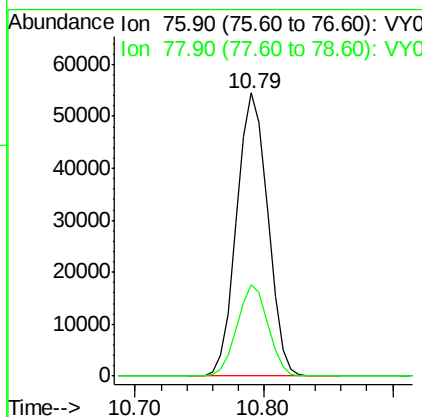
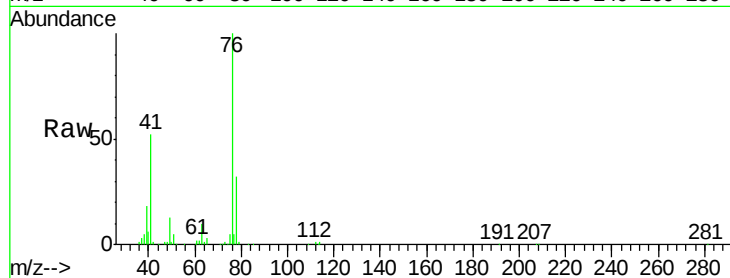
#57
 1,3-Dichloropropane
 Concen: 18.900 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Tot Ion: 76 Resp: 91243
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.4 38.2

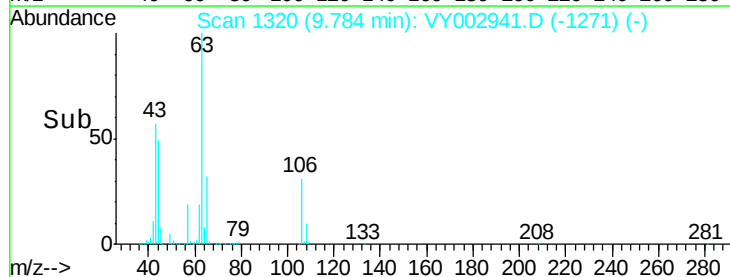
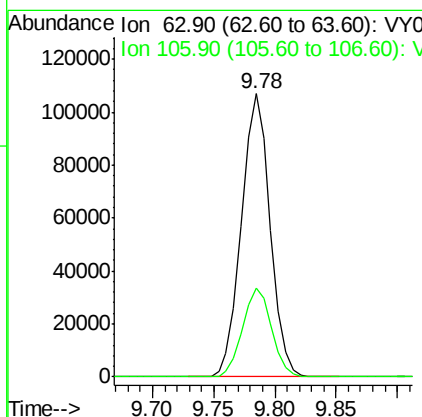
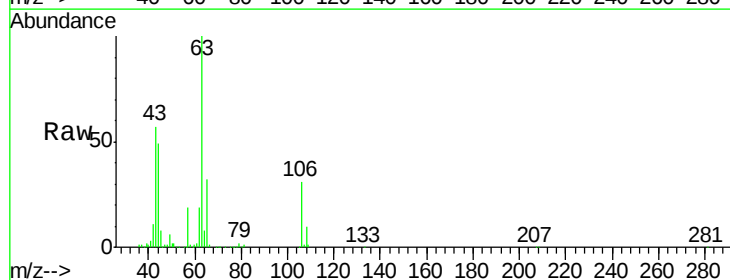
Manual Integrations
 APPROVED

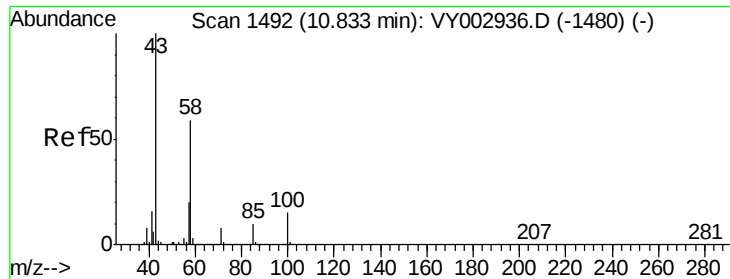
MMDadoda
 6/22/2020 2:07:03 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.339 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Tgt Ion: 63 Resp: 173651
 Ion Ratio Lower Upper
 63 100
 106 31.6 25.6 38.4





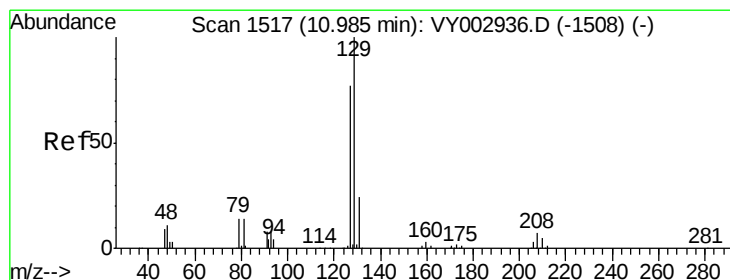
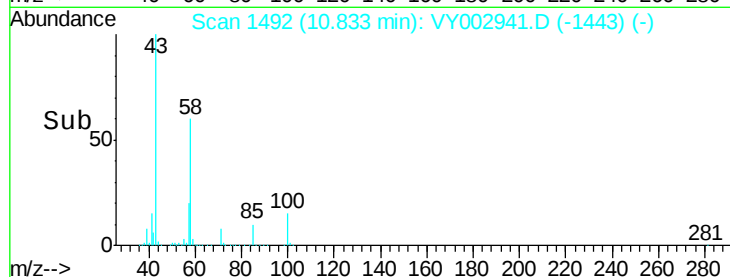
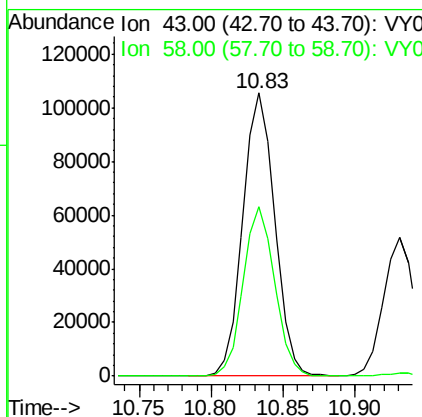
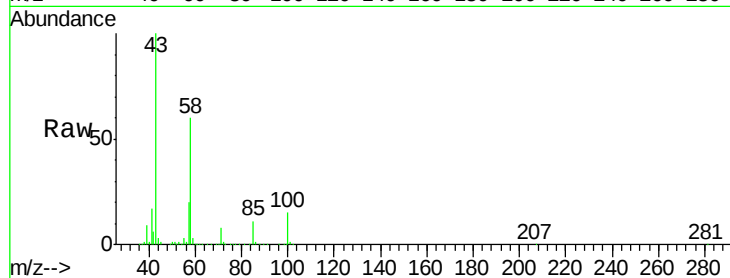
#59
2-Hexanone
Concen: 92.711 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tot Ion: 43 Resp: 162190
Ion Ratio Lower Upper
43 100
58 59.1 29.7 89.1

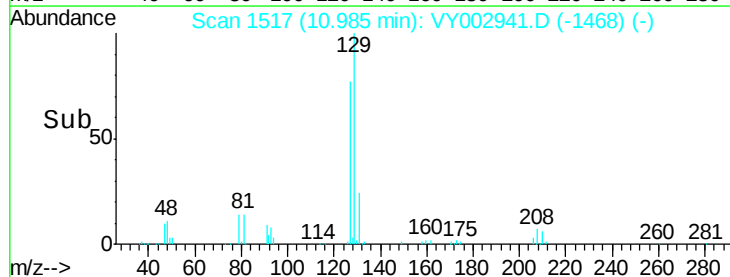
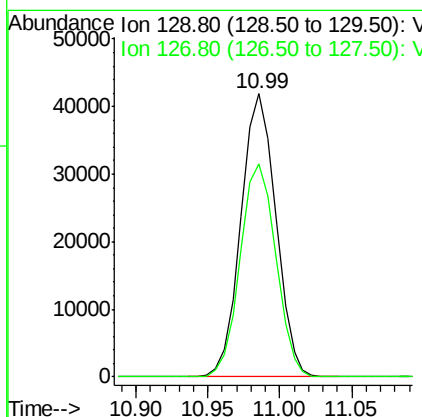
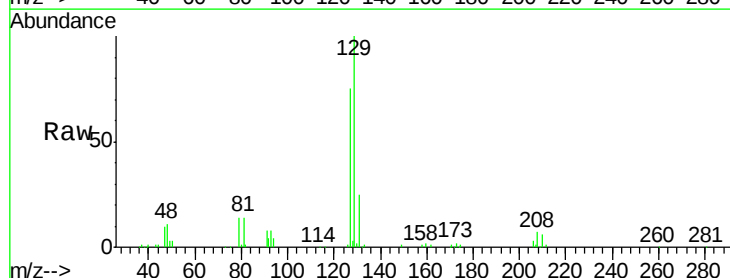
Manual Integrations
APPROVED

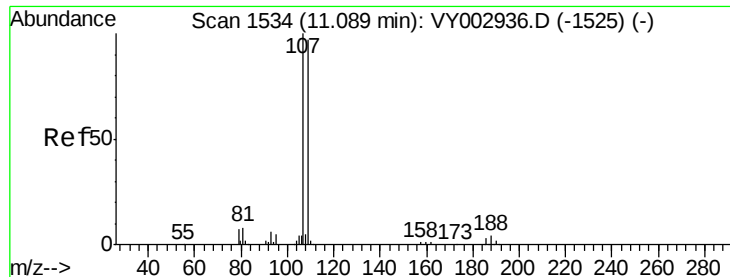
MMDadoda
6/22/2020 2:07:03 PM



#60
Dibromochloromethane
Concen: 19.114 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion: 129 Resp: 70570
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.6





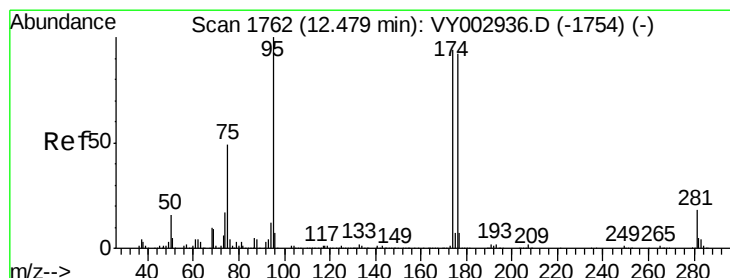
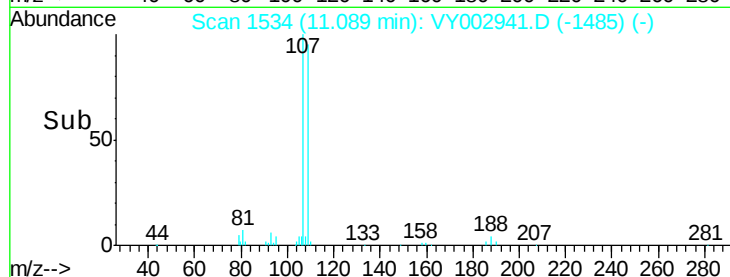
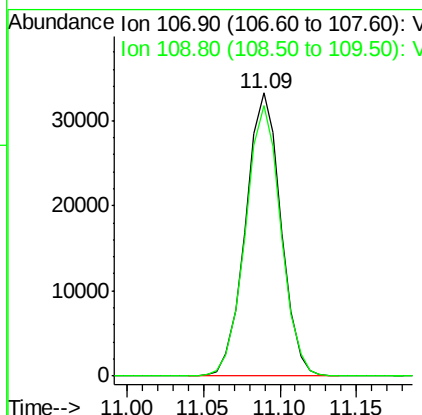
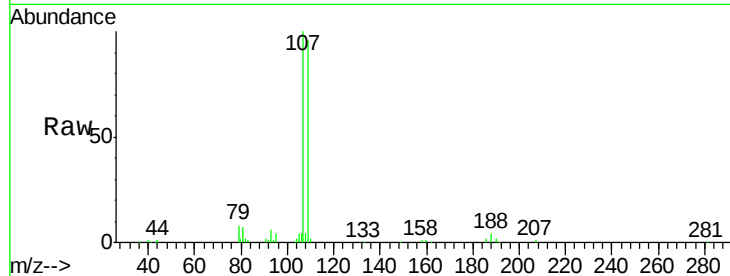
#61
 1,2-Dibromoethane
 Concen: 18.571 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.0	76.6	114.8

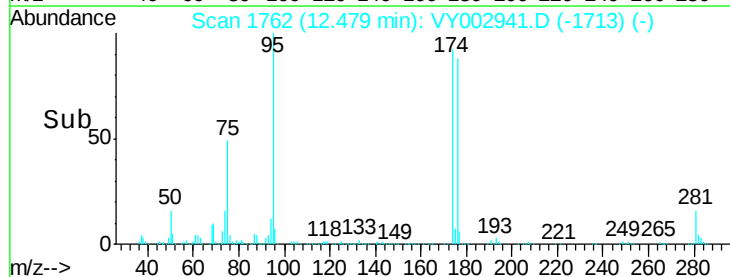
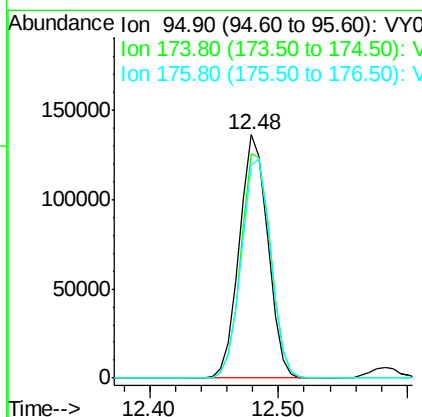
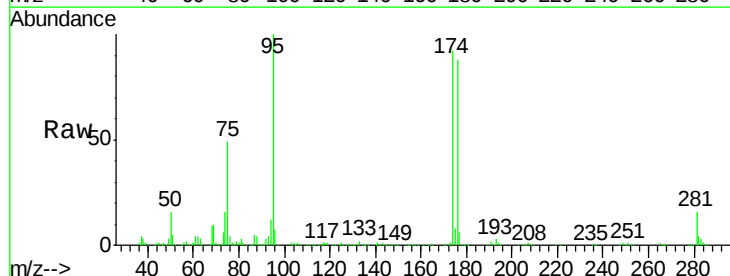
Manual Integrations
 APPROVED

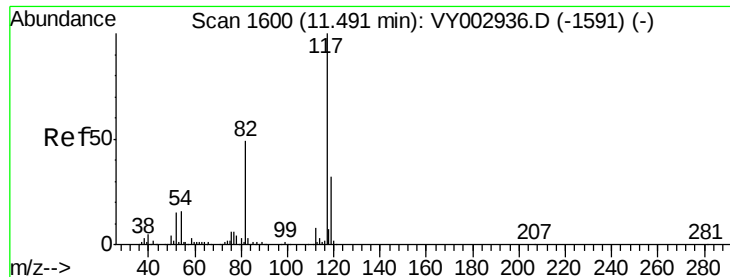
MMDadoda
 6/22/2020 2:07:03 PM



#62
 4-Bromofluorobenzene
 Concen: 48.167 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.7	0.0	191.2
176	92.6	0.0	186.0





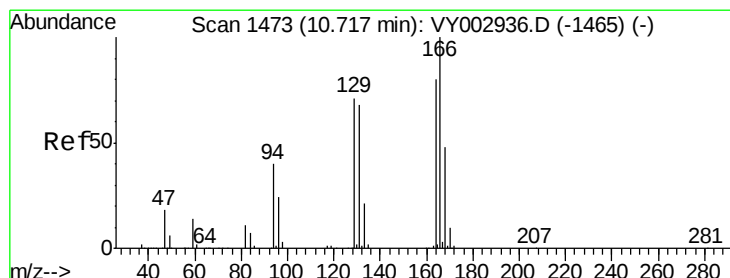
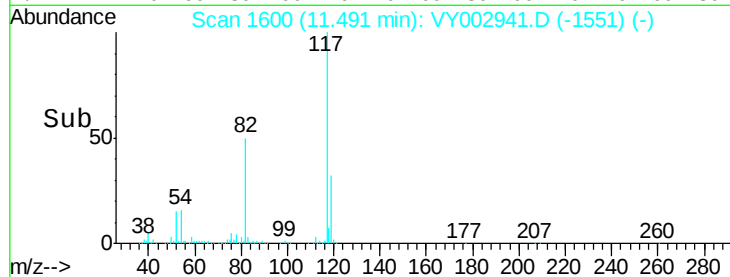
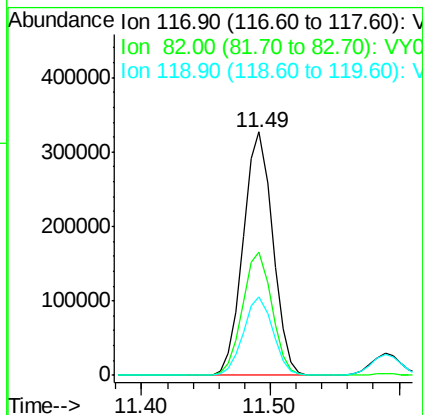
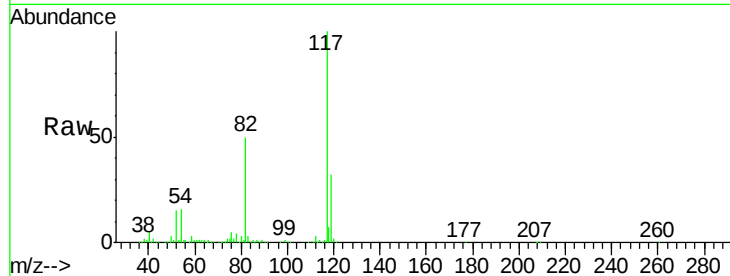
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	517791		
82	50.5	39.4	59.0	
119	32.1	25.4	38.0	

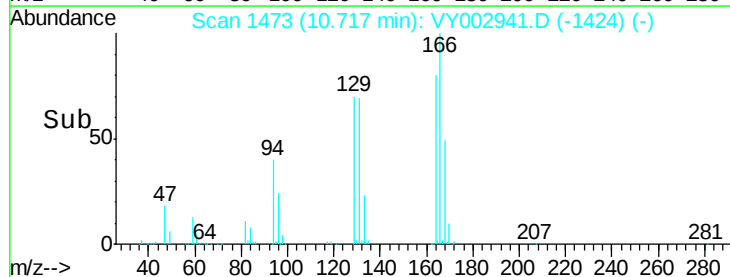
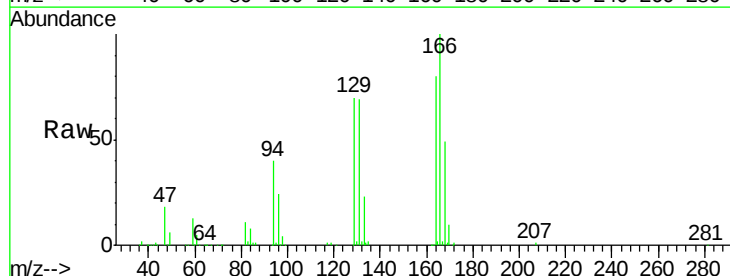
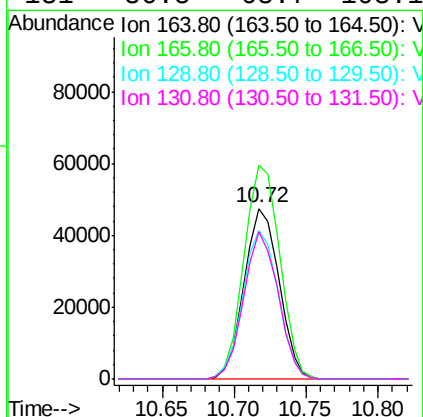
Manual Integrations
APPROVED

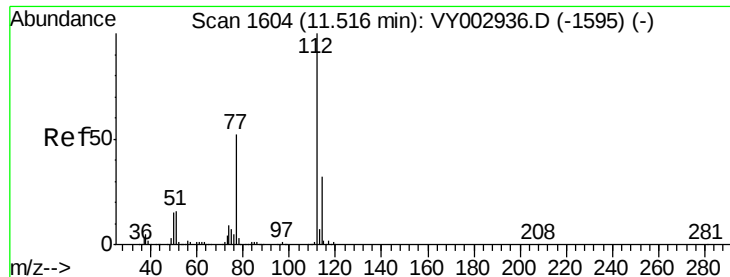
MMDadoda
6/22/2020 2:07:03 PM



#64
Tetrachloroethene
Concen: 18.492 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	79786		
166	125.4	100.5	150.7	
129	87.2	71.1	106.7	
131	86.5	68.7	103.1	





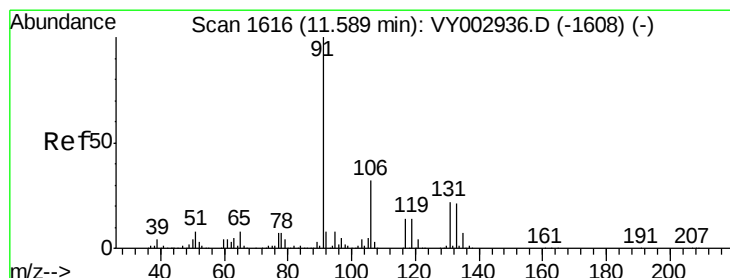
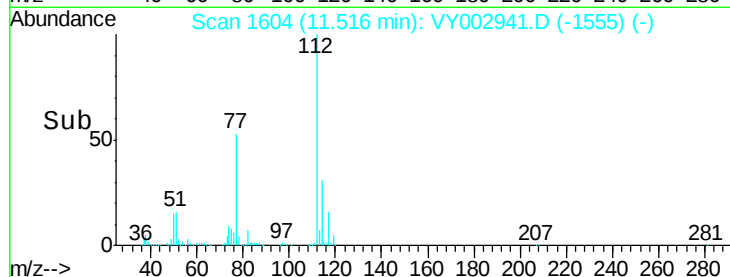
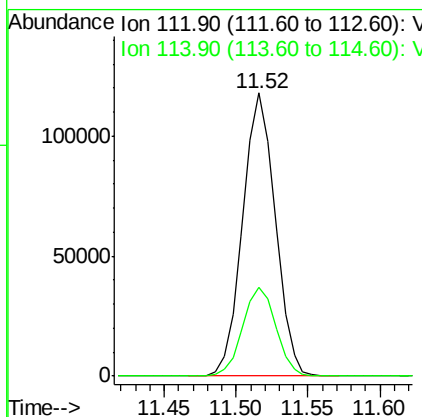
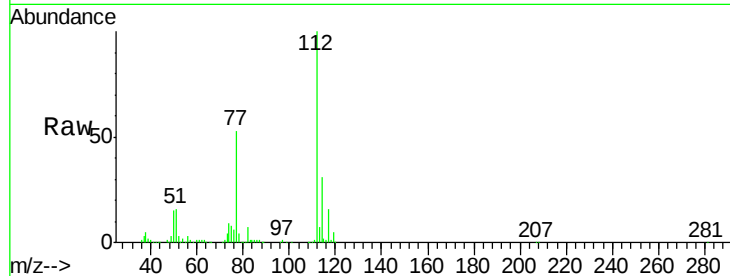
#65
Chlorobenzene
Concen: 18.895 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.2	26.0	39.0

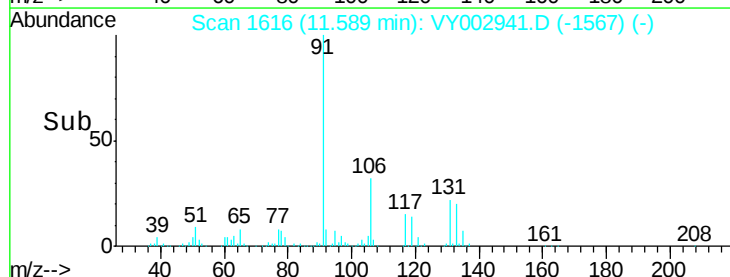
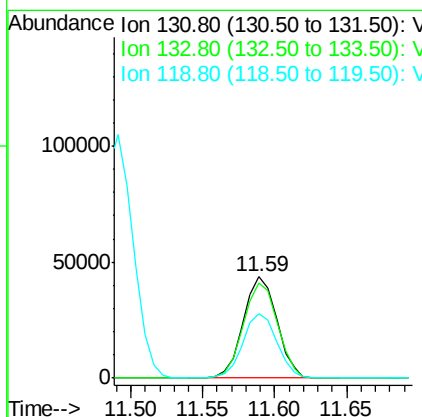
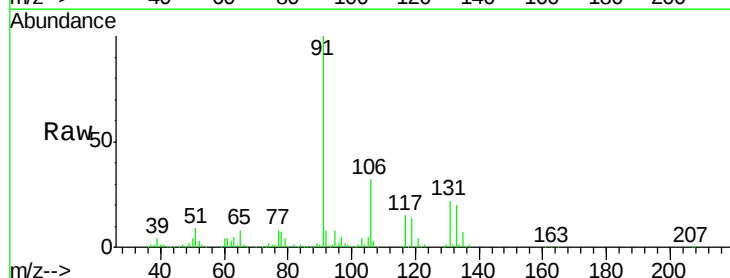
Manual Integrations
APPROVED

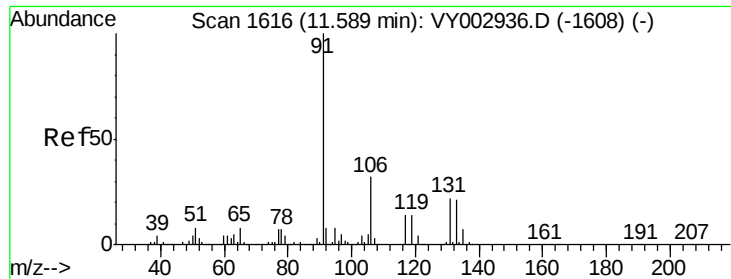
MMDadoda
6/22/2020 2:07:03 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.097 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.7	143.1
119	64.0	31.5	94.5





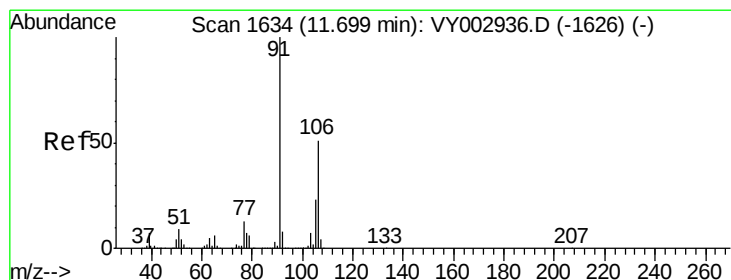
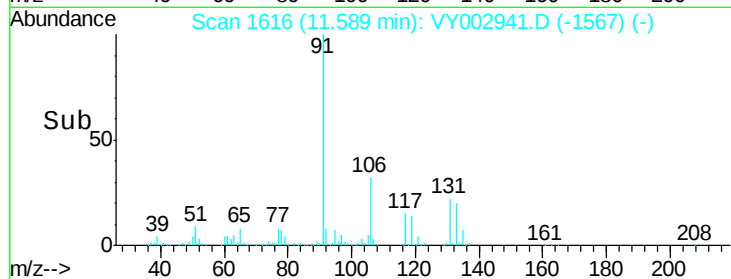
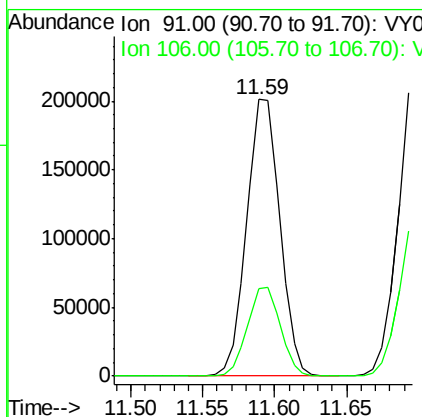
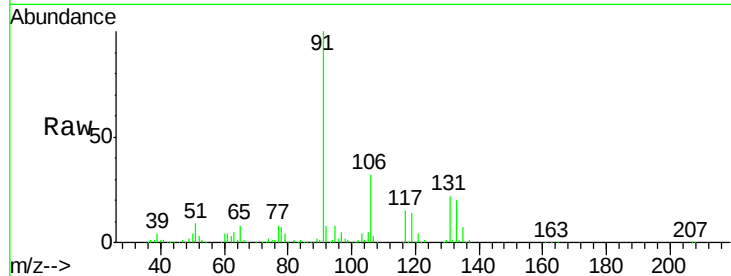
#67
Ethyl Benzene
Concen: 18.934 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.7	25.8	38.8

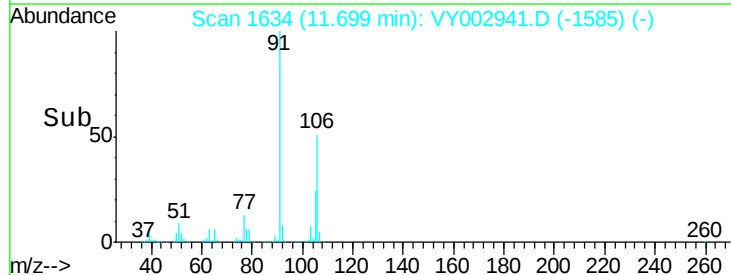
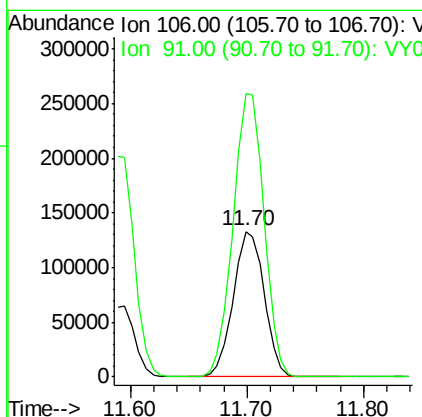
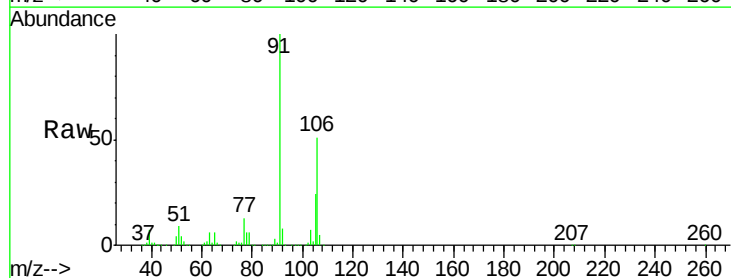
Manual Integrations
APPROVED

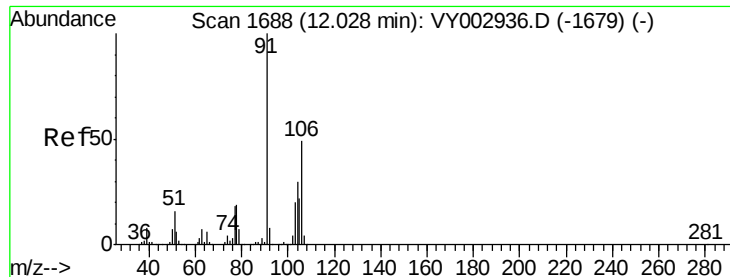
MMDadoda
6/22/2020 2:07:03 PM



#68
m/p-Xylenes
Concen: 37.571 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion	Ratio	Lower	Upper
106	100		
91	194.8	155.9	233.9





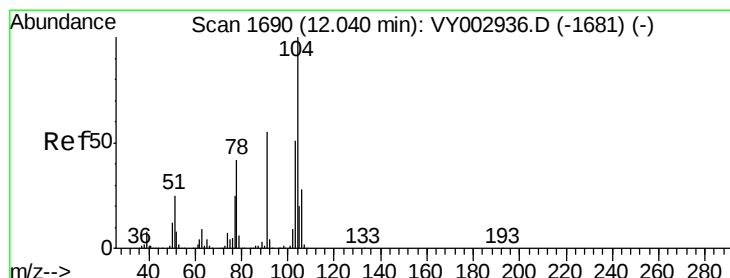
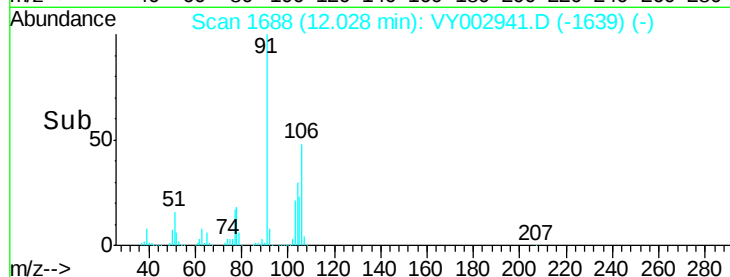
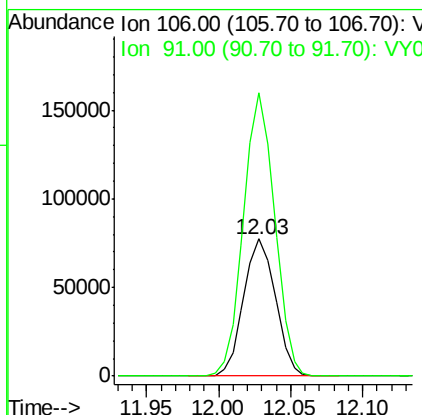
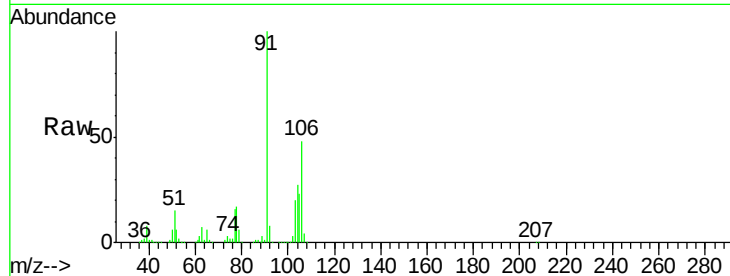
#69
o-Xylene
Concen: 19.178 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	118765		
91	91	202.1	102.1	306.1	

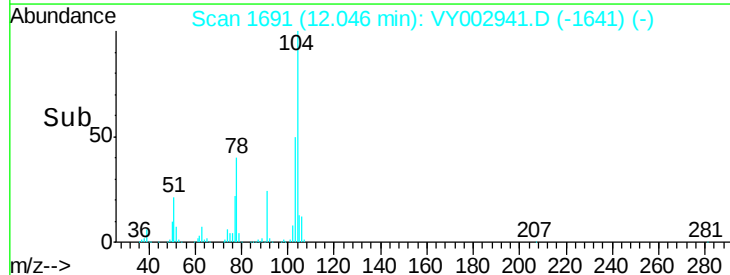
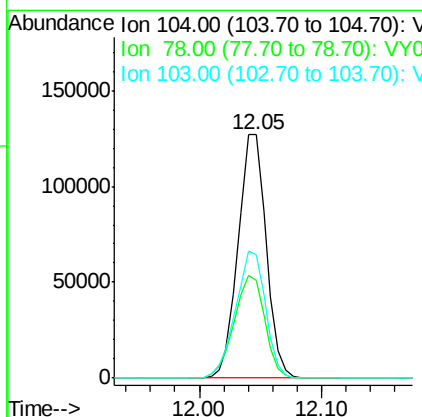
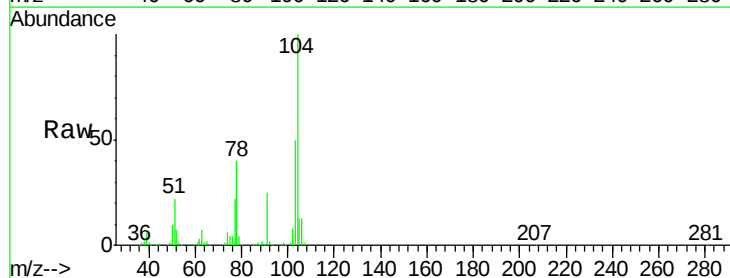
Manual Integrations
APPROVED

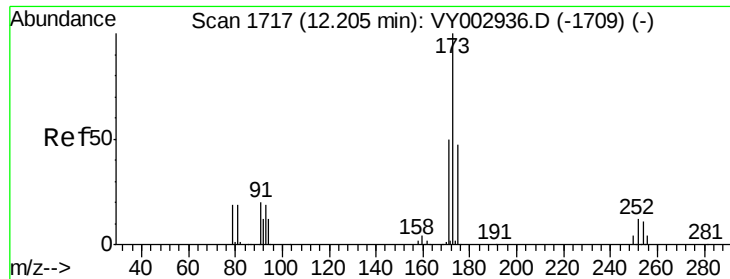
MMDadoda
6/22/2020 2:07:03 PM



#70
Styrene
Concen: 18.932 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	202564		
78	78	45.9	36.9	55.3	
103	103	55.6	43.7	65.5	





#71

Bromoform

Concen: 18.912 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tot Ion:173 Resp: 46898

Ion Ratio Lower Upper

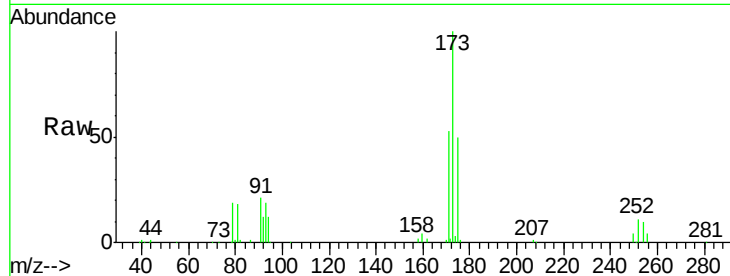
173 100

175 49.3 23.9 71.8

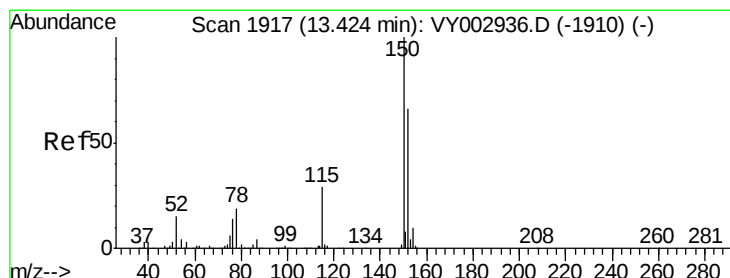
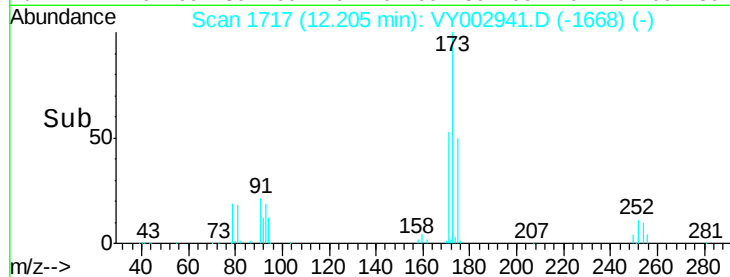
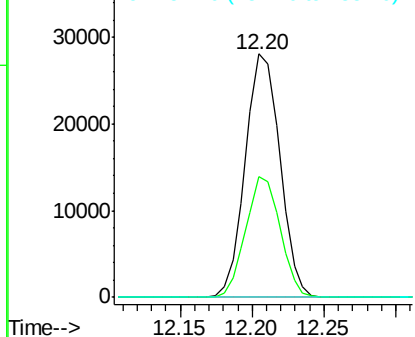
254 0.0 0.1 0.1#

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:07:03 PM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

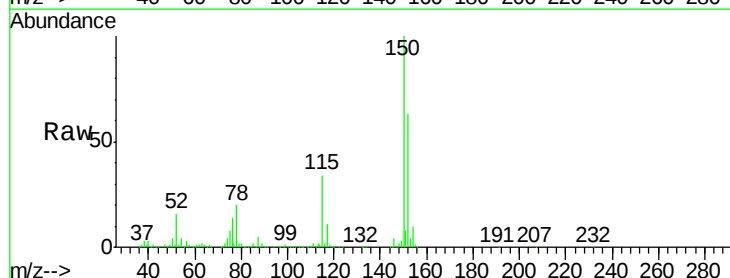
Tgt Ion:152 Resp: 274437

Ion Ratio Lower Upper

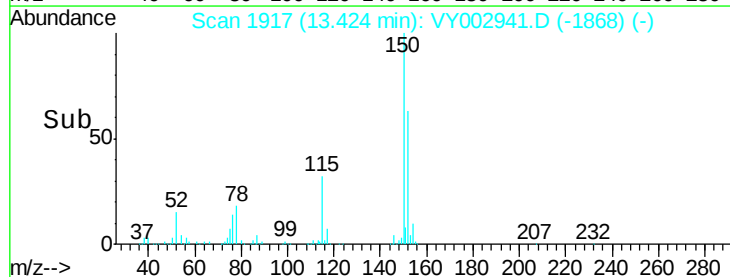
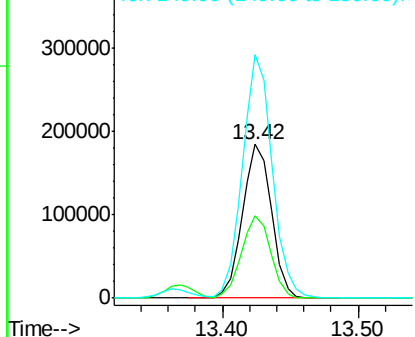
152 100

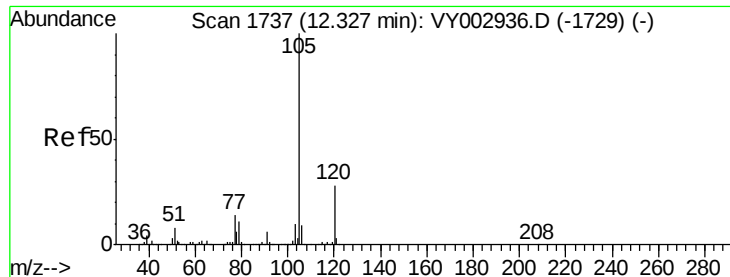
115 54.1 26.9 80.6

150 162.4 0.0 341.8



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





#73

Isopropylbenzene

Concen: 19.002 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tot Ion: 105 Resp: 319610

Ion Ratio Lower Upper

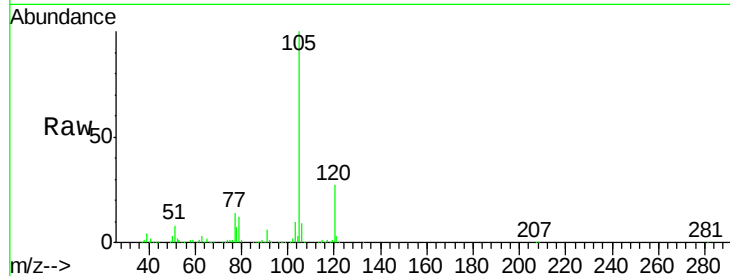
105 100

120 27.8 14.0 41.9

Manual Integrations
APPROVED

MMDadoda

6/22/2020 2:07:03 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

250000

200000

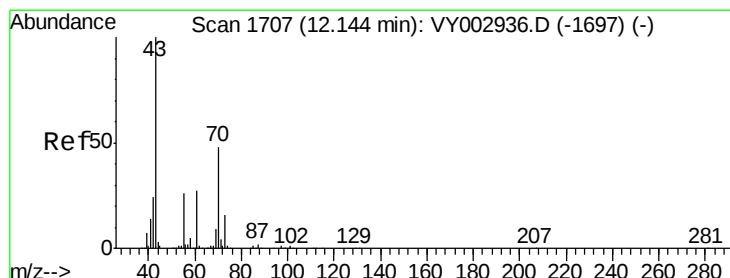
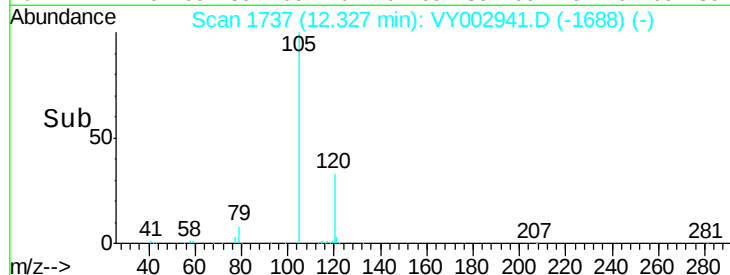
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.564 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Tgt Ion: 43 Resp: 80413

Ion Ratio Lower Upper

43 100

70 48.1 38.0 57.0

55 25.7 20.3 30.5

61 27.0 21.4 32.2

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

80000

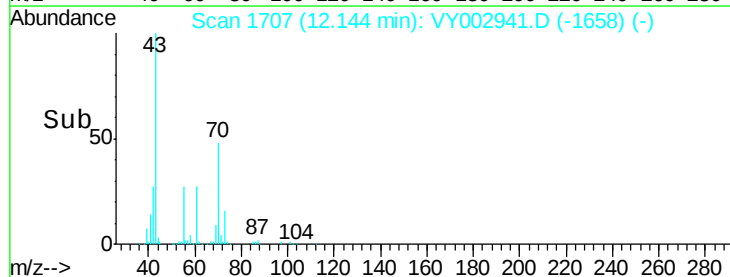
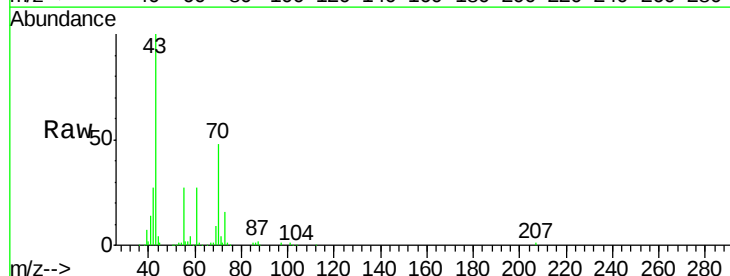
60000

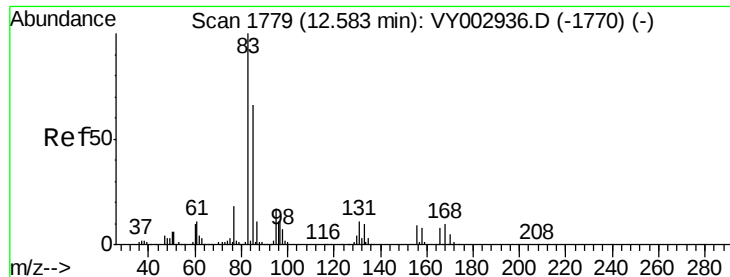
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.955 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

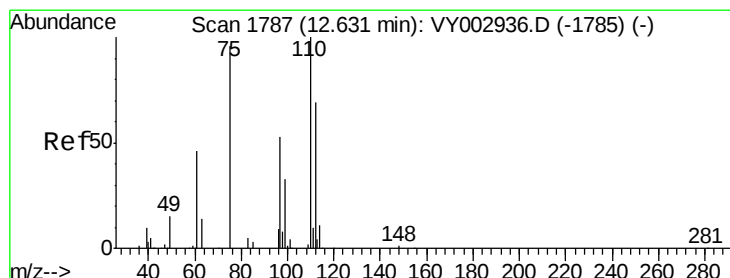
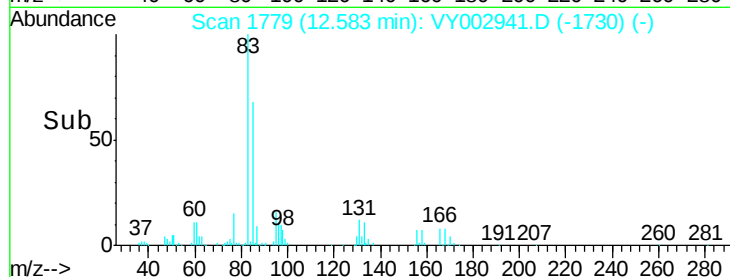
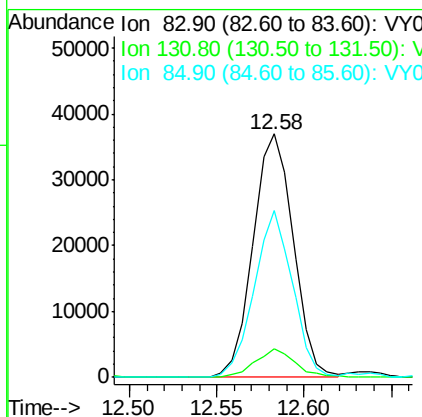
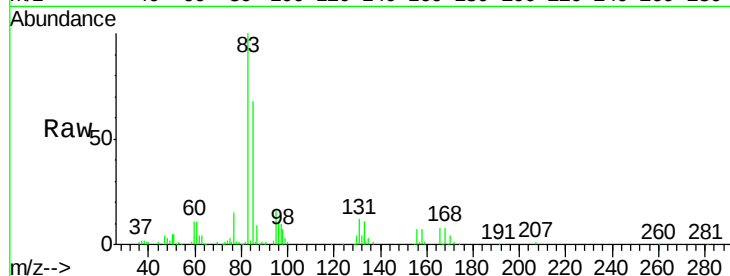
ClientSampleId :

VY0619SBS01

Tot Ion:	83	Resp:	59110
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.9	17.7
85	65.0	32.8	98.3

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:07:03 PM



#76

1,2,3-Trichloropropane

Concen: 19.165 ug/l m

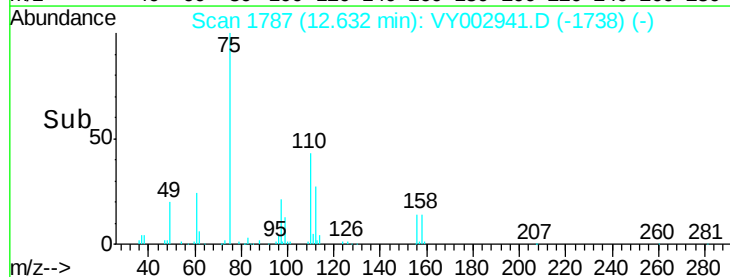
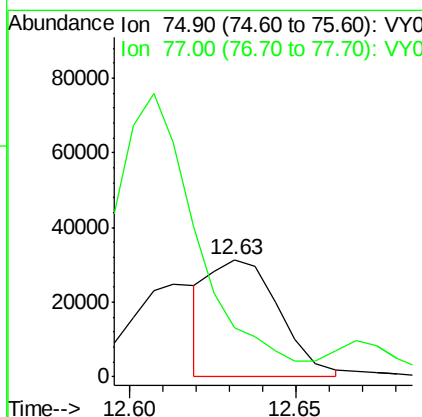
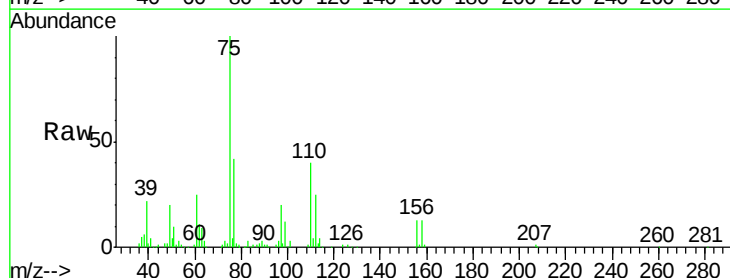
RT: 12.63 min Scan# 1787

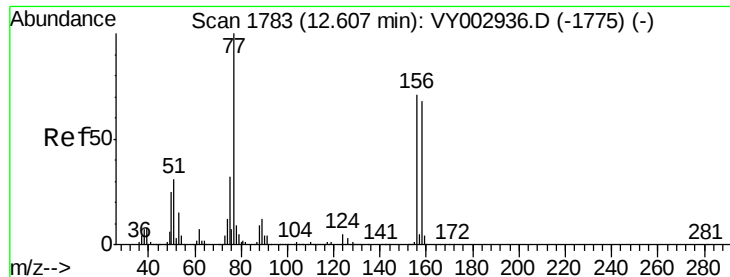
Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Tgt Ion:	75	Resp:	45806
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





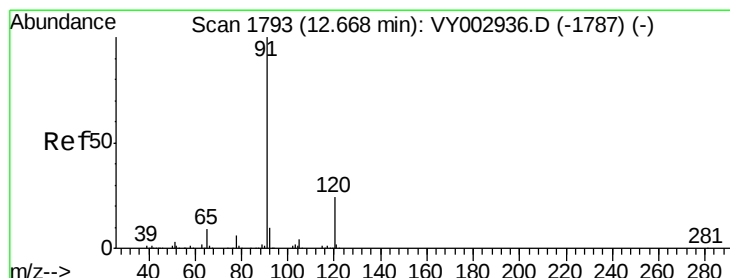
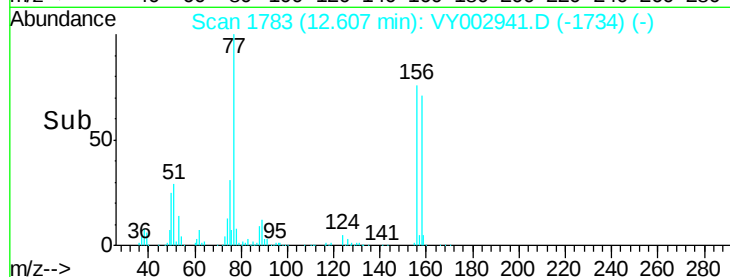
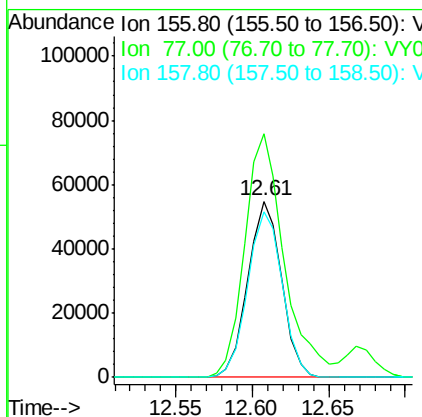
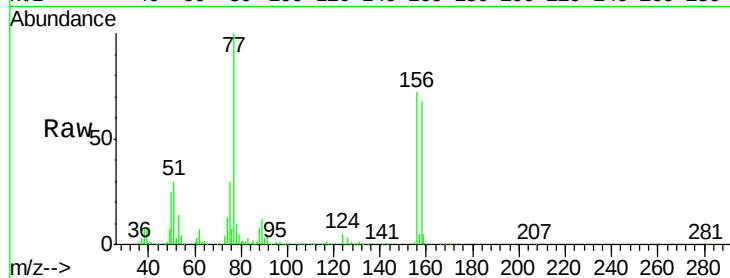
#77
Bromobenzene
Concen: 19.098 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	161.2	80.5	241.5
158	96.9	48.2	144.6

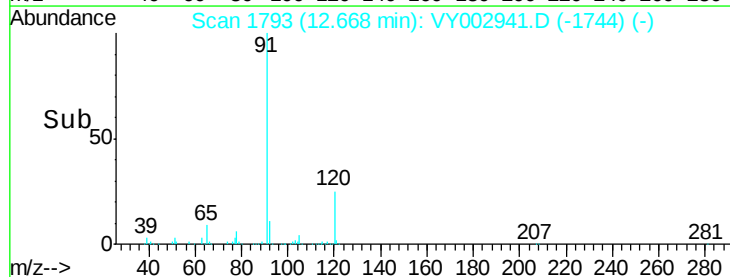
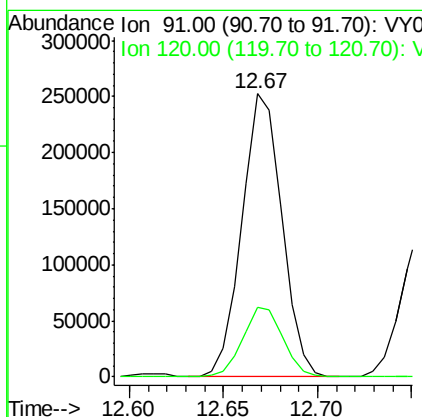
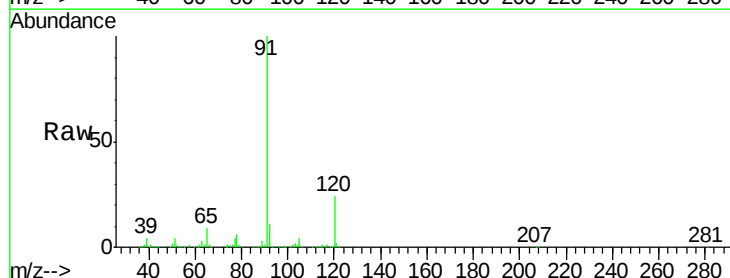
Manual Integrations
APPROVED

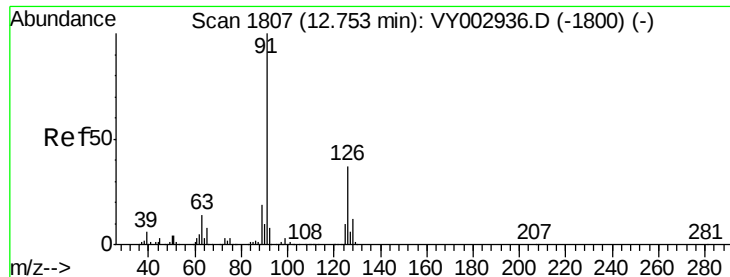
MMDadoda
6/22/2020 2:07:03 PM



#78
n-propylbenzene
Concen: 19.041 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.3	36.9





#79

2-Chlorotoluene

Concen: 19.053 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tot Ion: 91 Resp: 208237

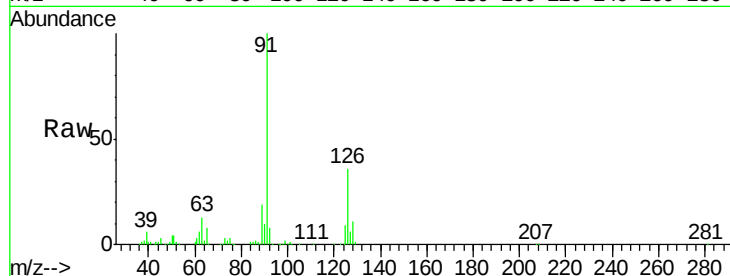
Ion Ratio Lower Upper

91 100

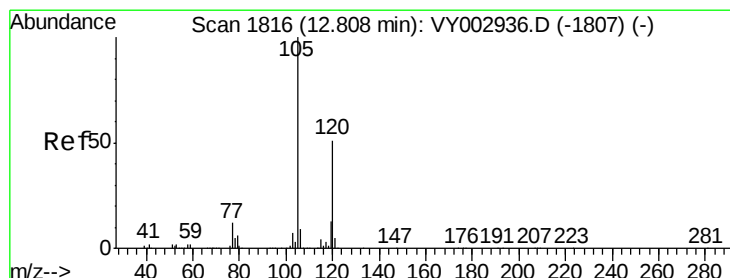
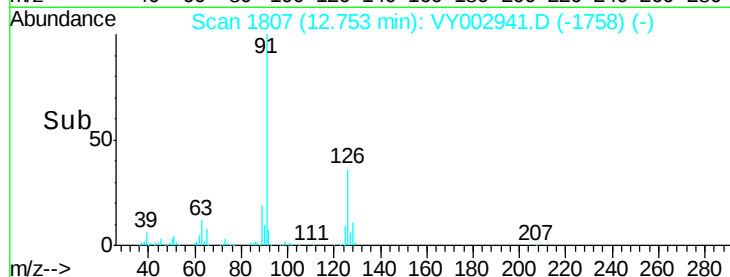
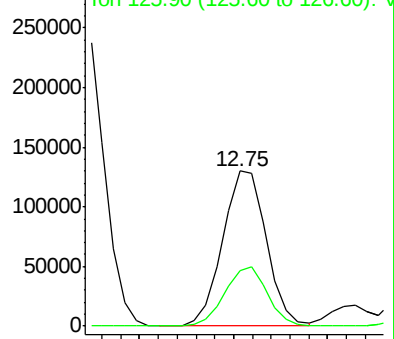
126 37.3 18.5 55.5

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:07:03 PM



Abundance Ion 91.00 (90.70 to 91.70): VY002941.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.050 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY002941.D

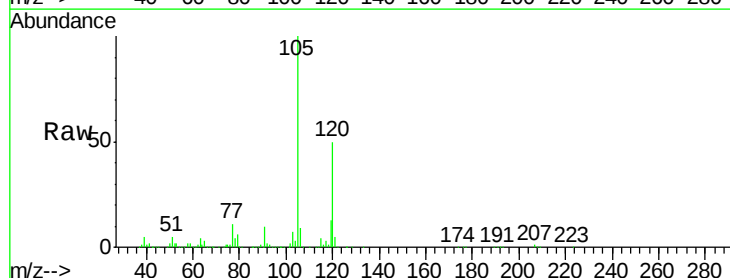
Acq: 19 Jun 2020 16:37

Tgt Ion: 105 Resp: 267117

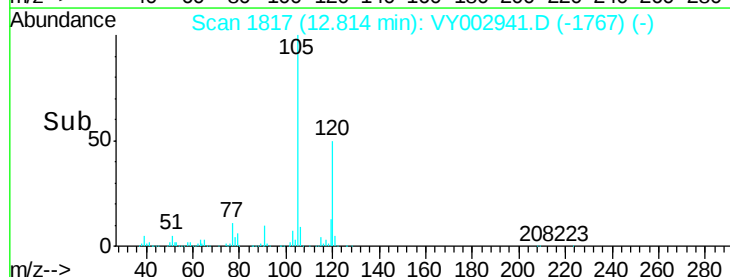
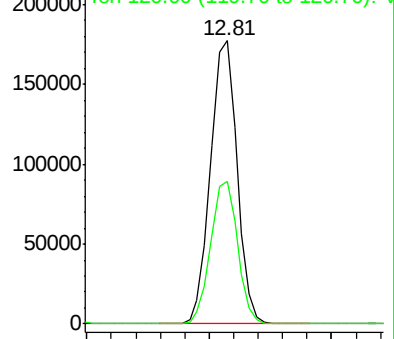
Ion Ratio Lower Upper

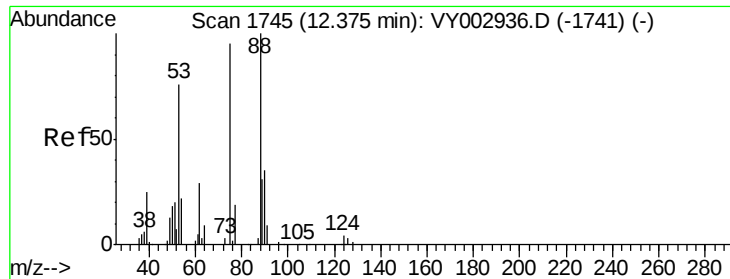
105 100

120 50.8 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VY002941.D (-1767) (-)





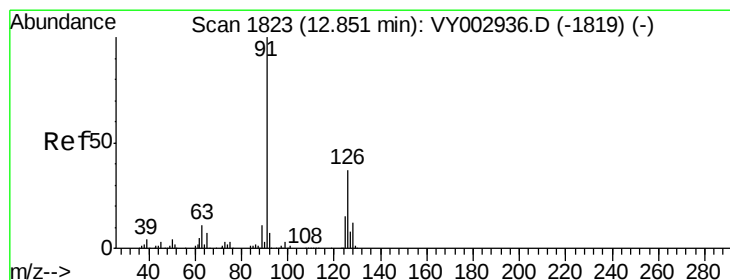
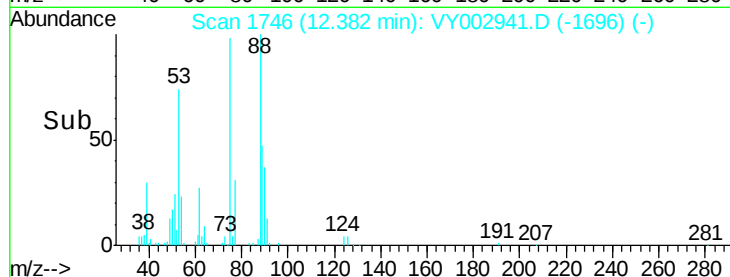
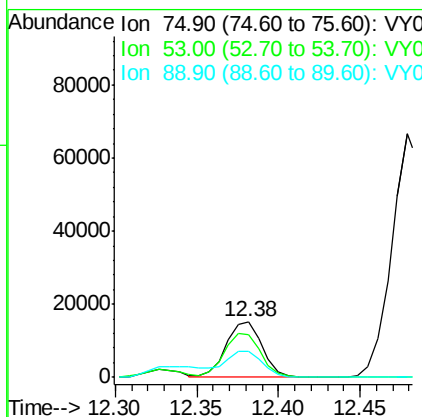
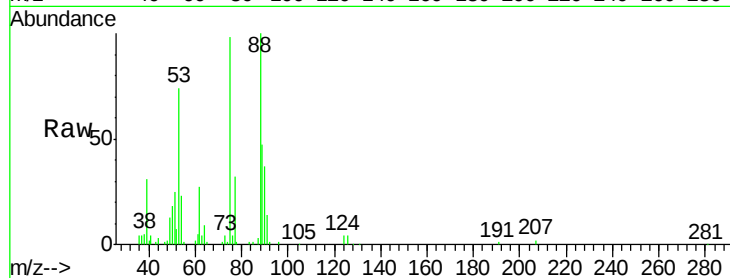
#81
trans-1,4-Dichloro-2-butene
Concen: 18.839 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	79.4	65.1	97.7
89	51.6	38.4	57.6

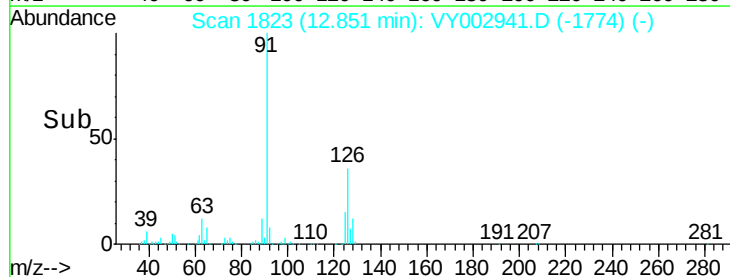
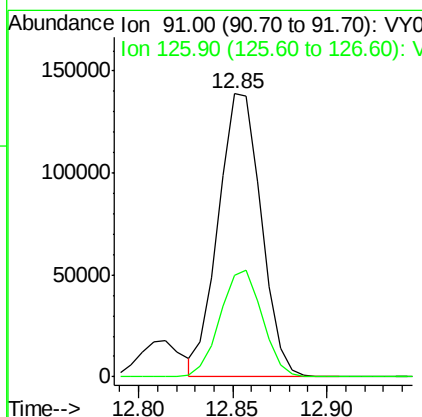
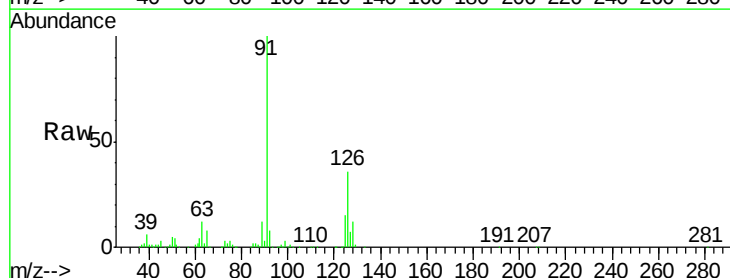
Manual Integrations
APPROVED

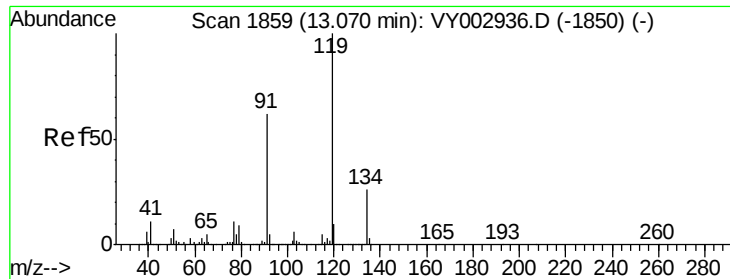
MMDadoda
6/22/2020 2:07:03 PM



#82
4-Chlorotoluene
Concen: 19.053 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.2	18.6	55.8





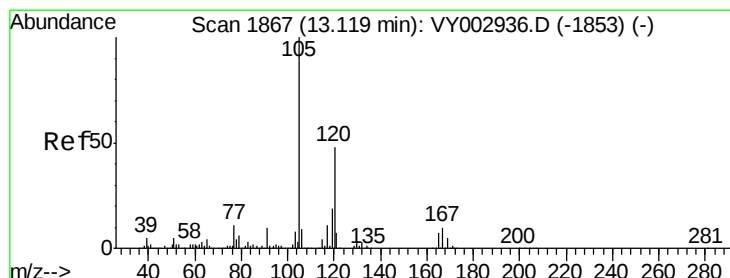
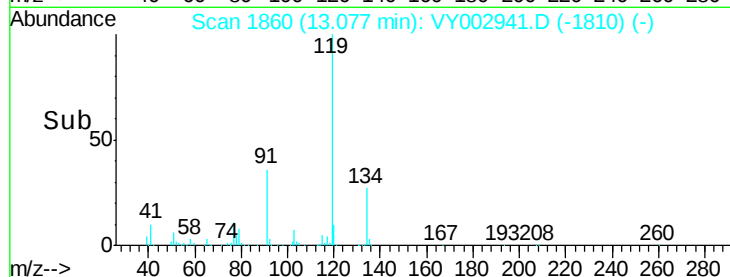
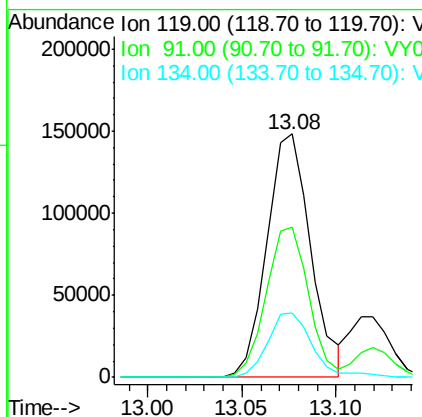
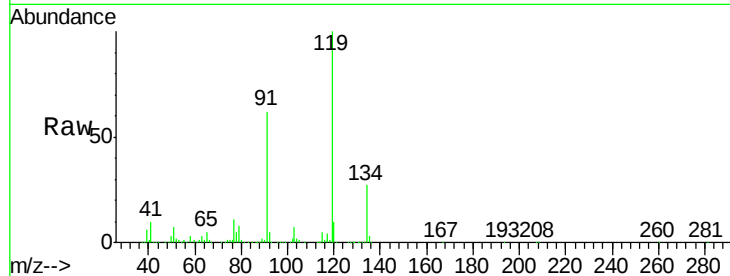
#83
tert-Butylbenzene
Concen: 19.076 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	239591		
91	59.6	29.9	89.7	
134	27.3	13.3	39.8	

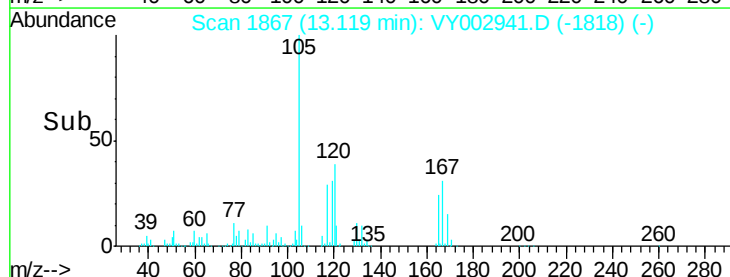
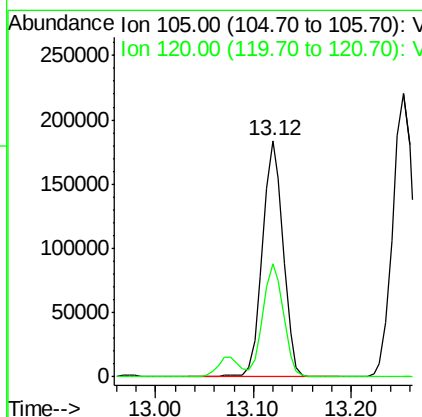
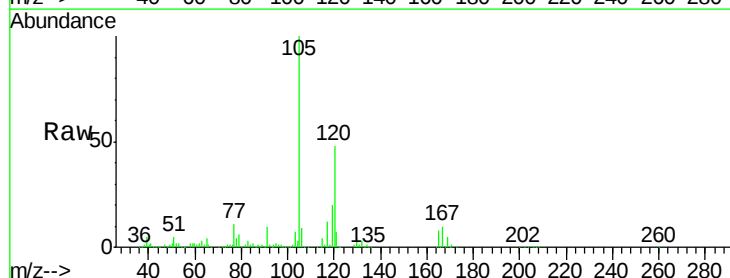
Manual Integrations
APPROVED

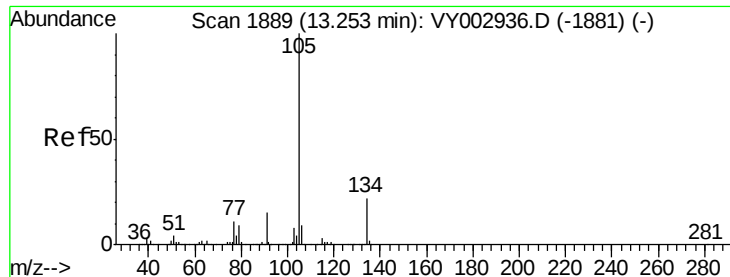
MMDadoda
6/22/2020 2:07:03 PM



#84
1,2,4-Trimethylbenzene
Concen: 19.143 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	270091		
120	47.3	23.5	70.5	





#85

sec-Butylbenzene

Concen: 19.135 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tot Ion:105 Resp: 326921

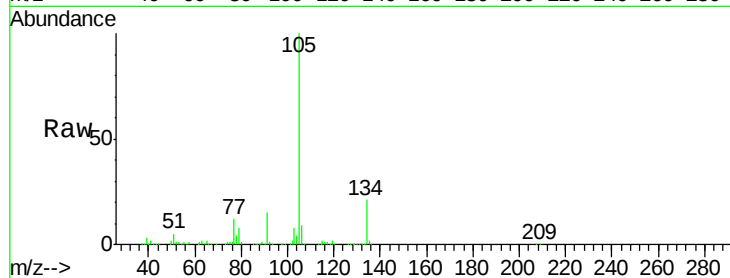
Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.4

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:07:03 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

250000

200000

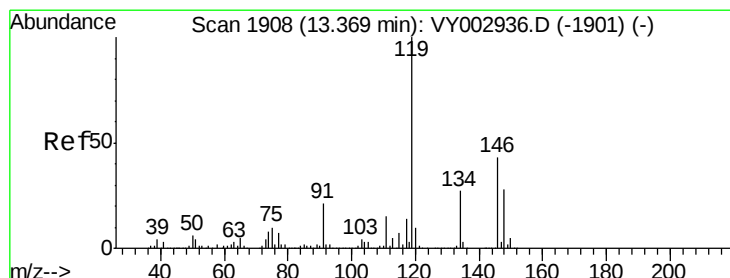
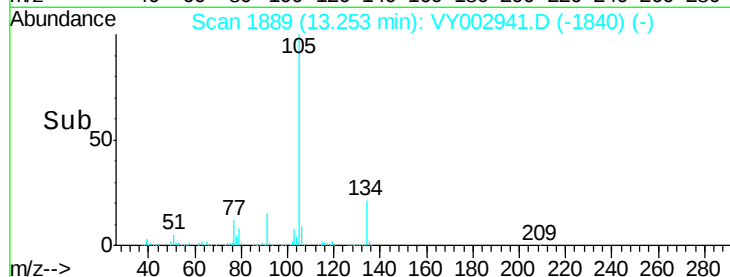
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.343 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

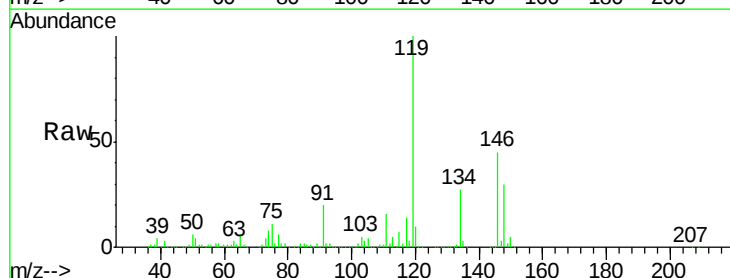
Tgt Ion:119 Resp: 309983

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

91 21.4 10.8 32.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

300000

250000

200000

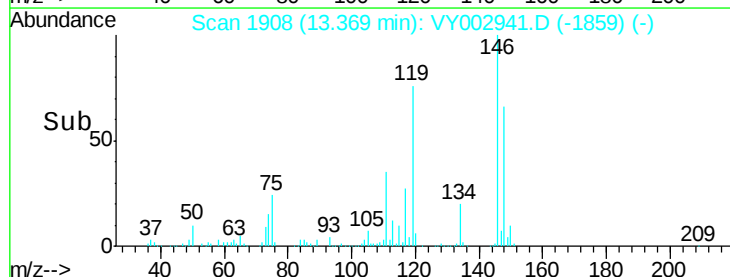
150000

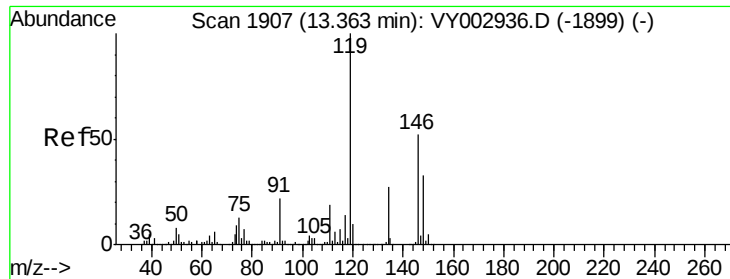
100000

50000

0

Time-->





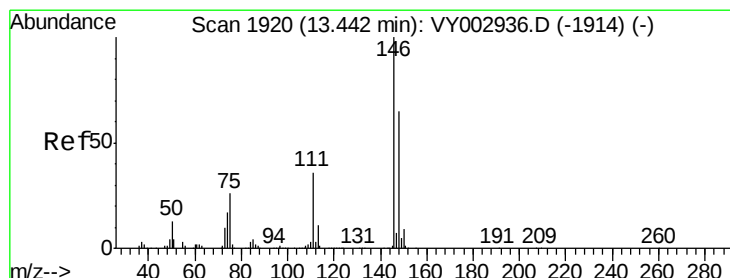
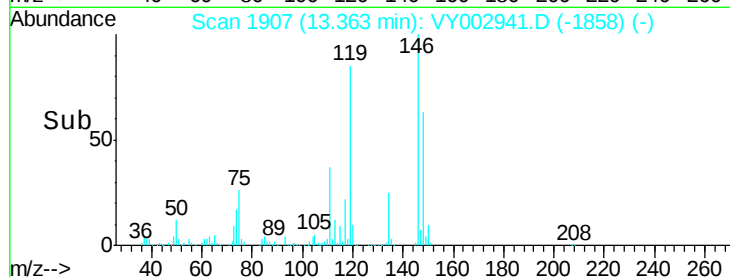
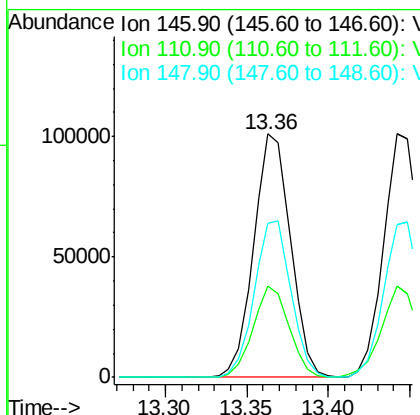
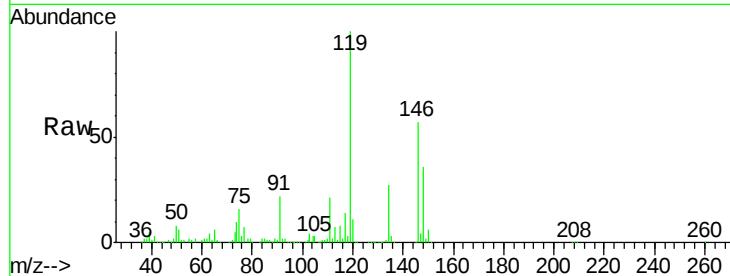
#87
 1,3-Dichlorobenzene
 Concen: 19.153 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.2	54.6
148	64.2	31.9	95.7

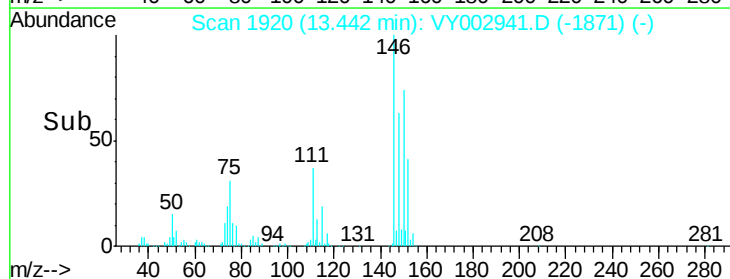
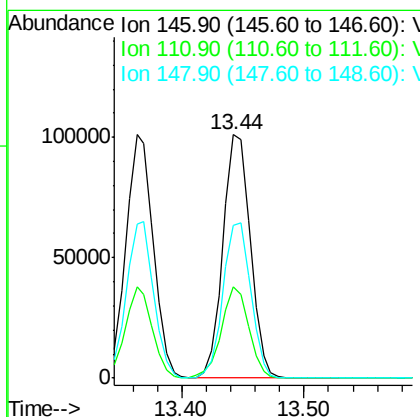
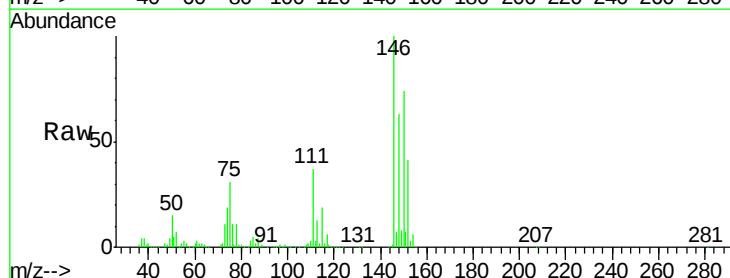
Manual Integrations
 APPROVED

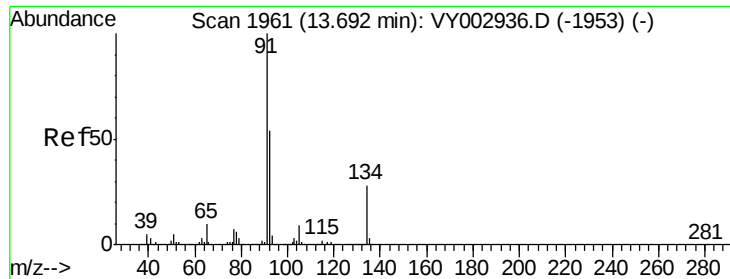
MMDadoda
 6/22/2020 2:07:03 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.808 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	17.9	53.8
148	64.8	32.1	96.5





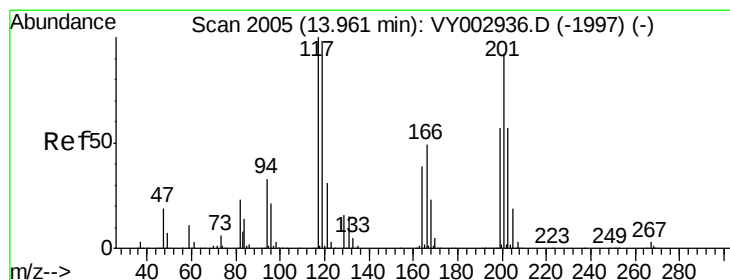
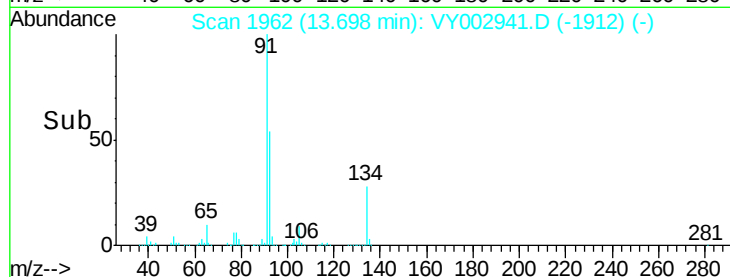
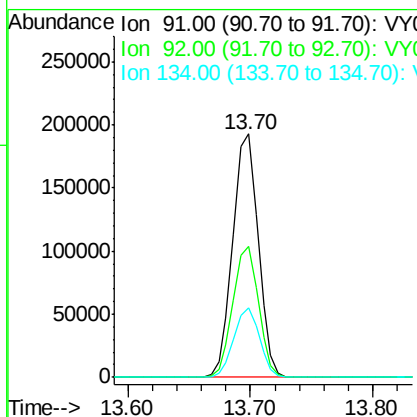
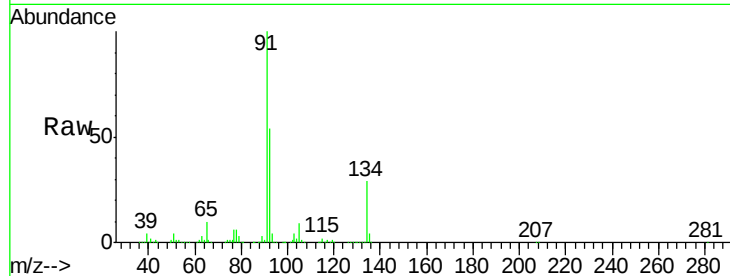
#89
n-Butylbenzene
Concen: 19.190 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.0	80.8
134	28.8	14.5	43.5

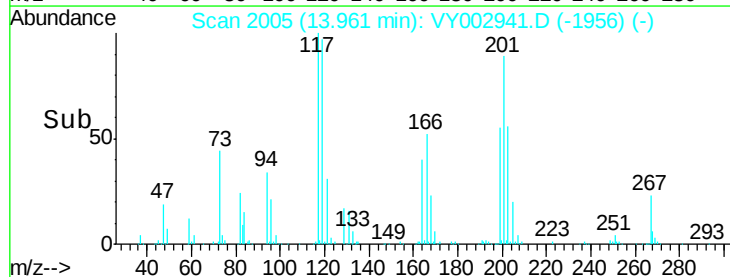
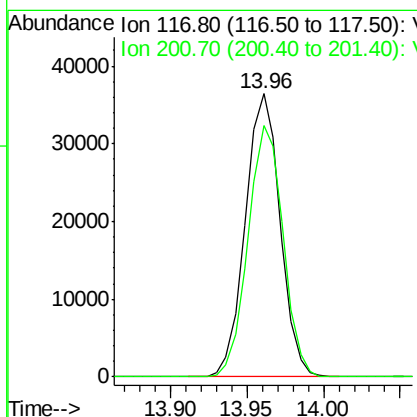
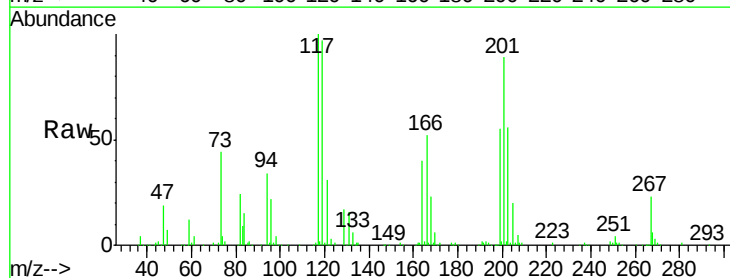
Manual Integrations
APPROVED

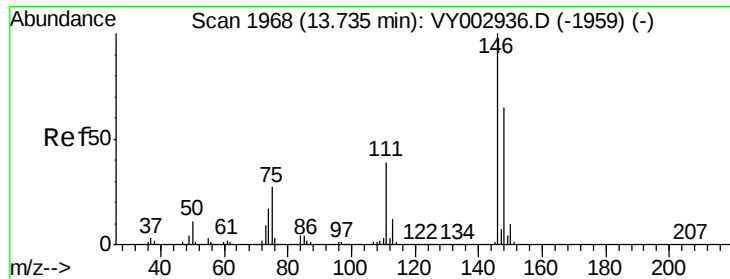
MMDadoda
6/22/2020 2:07:03 PM



#90
Hexachloroethane
Concen: 19.273 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.3	45.1	135.5





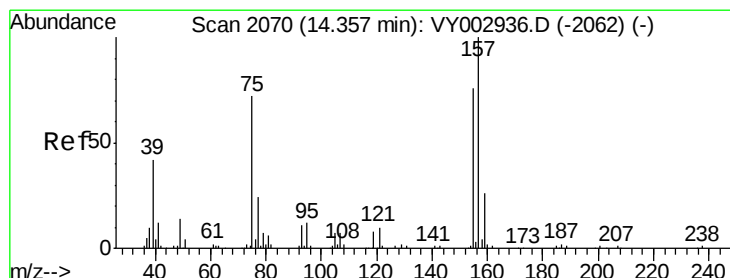
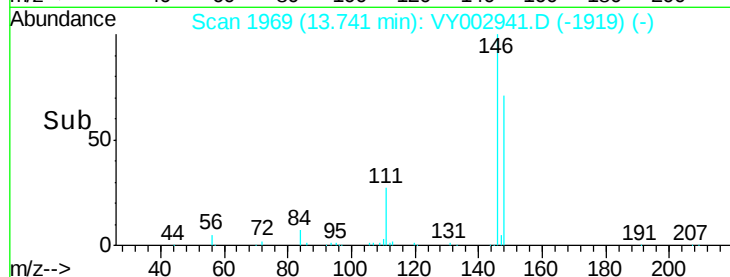
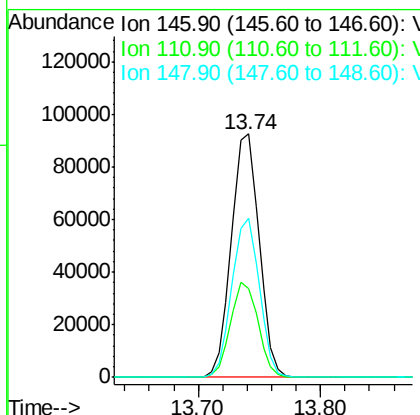
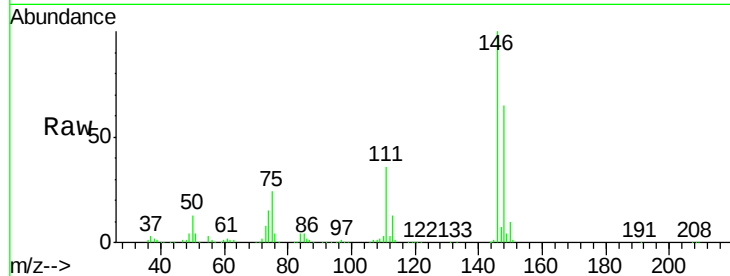
#91
 1,2-Dichlorobenzene
 Concen: 19.218 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.9
148	64.5	32.0	96.2

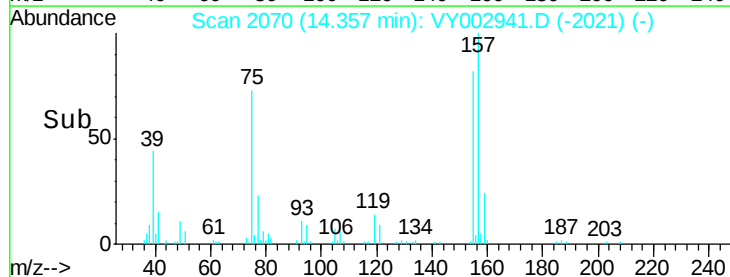
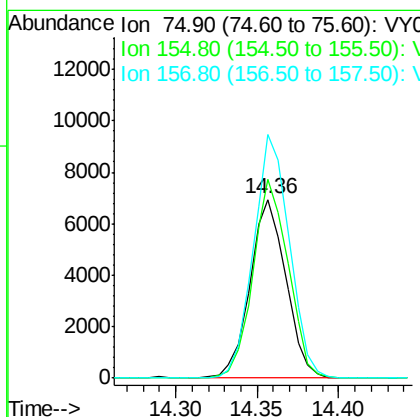
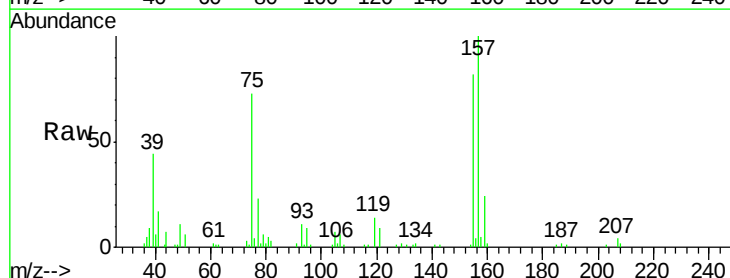
Manual Integrations
 APPROVED

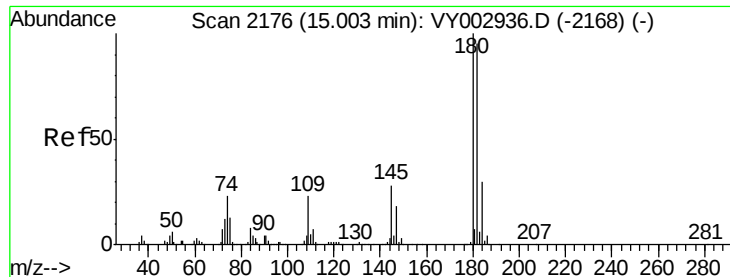
MMDadoda
 6/22/2020 2:07:03 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.310 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	109.3	53.1	159.4
157	135.8	69.0	206.9





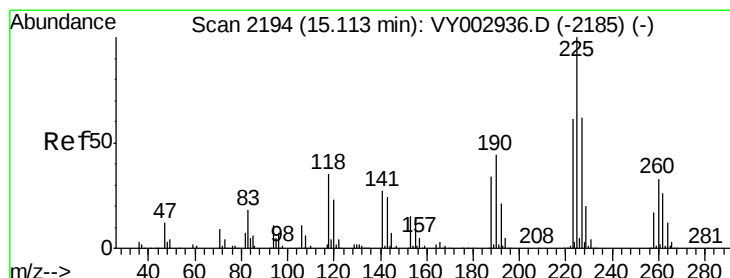
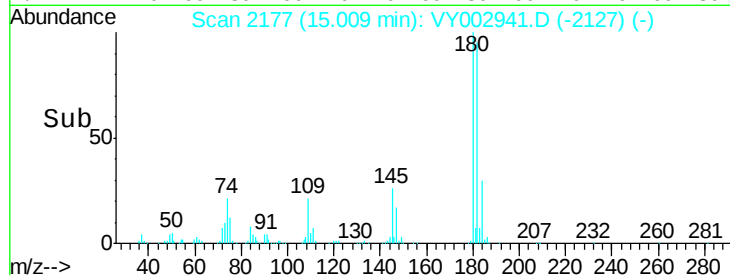
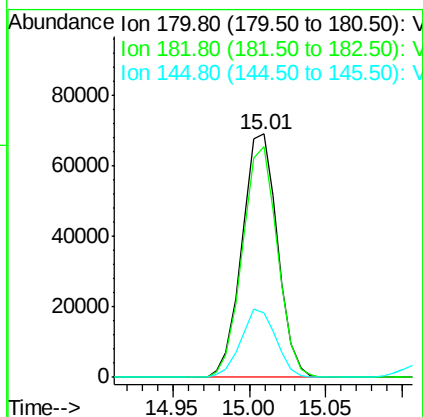
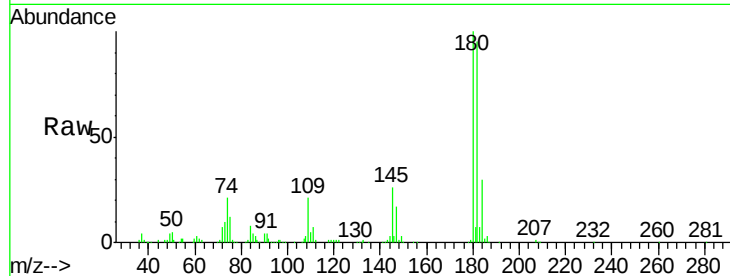
#93
 1,2,4-Trichlorobenzene
 Concen: 19.648 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.8	47.9	143.6	
145	27.7	14.1	42.3	

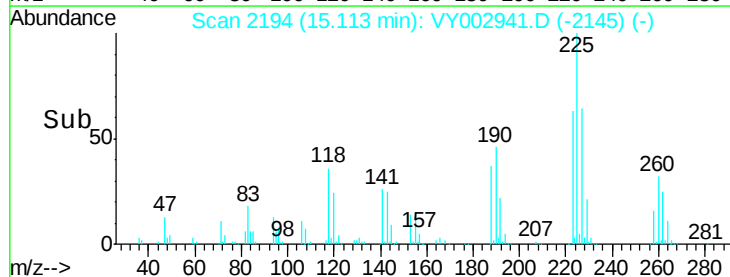
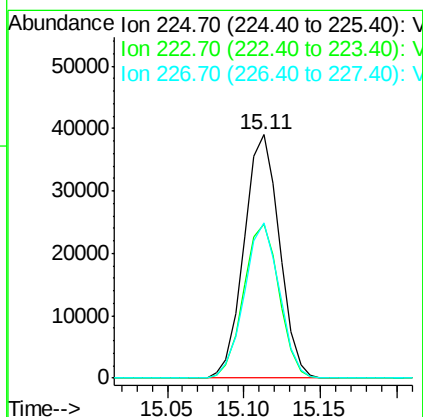
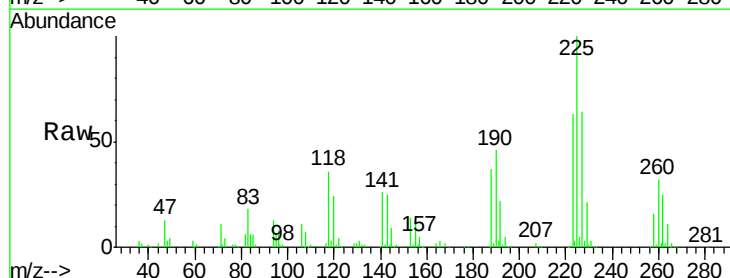
Manual Integrations
 APPROVED

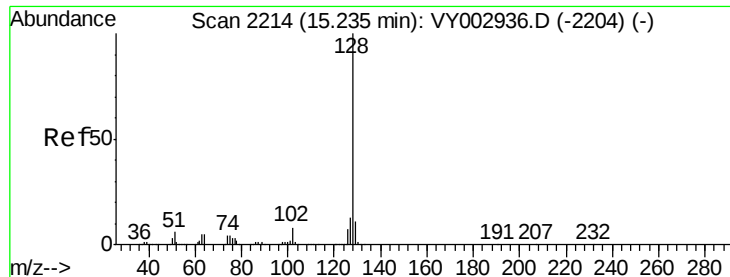
MMDadoda
 6/22/2020 2:07:03 PM



#94
 Hexachlorobutadiene
 Concen: 19.202 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	31.3	93.8	
227	63.2	31.9	95.7	





#95

Naphthalene

Concen: 18.943 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

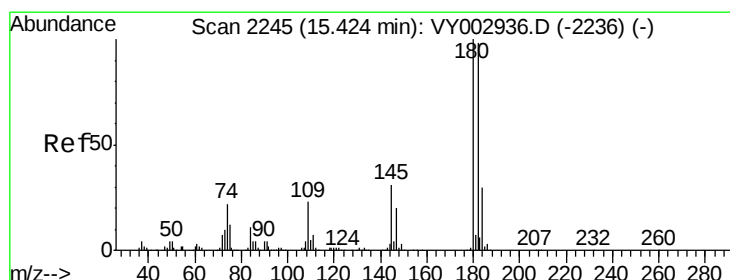
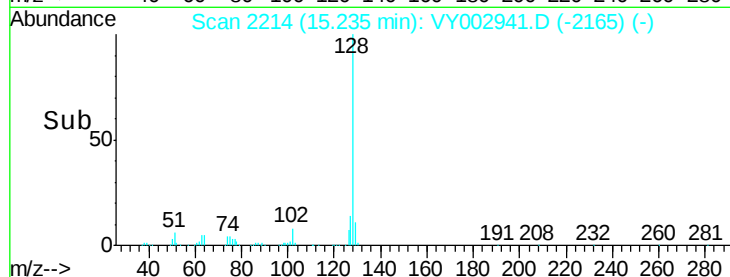
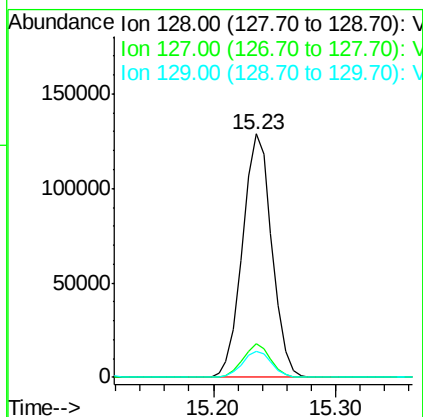
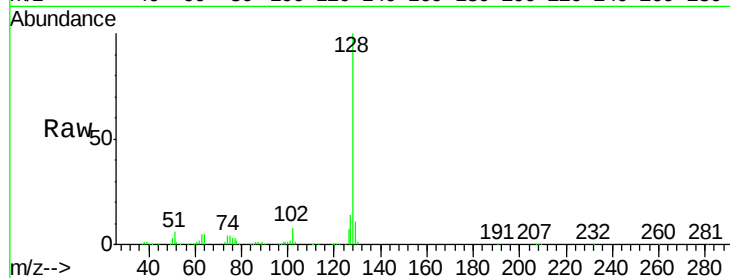
ClientSampleId :

VY0619SBS01

Tot Ion:	128	Resp:	214032
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:07:03 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.174 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Tgt Ion:	180	Resp:	96977
Ion Ratio	Lower	Upper	
180	100		
182	97.2	47.8	143.3
145	30.0	15.0	45.0

