

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
 Data File : VY001269.D
 Acq On : 17 Jan 2020 16:49
 Operator : SY/MD
 Sample : VY0117SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/20/2020 11:06:52 AM

Quant Time: Jan 18 03:41:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	192676	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.71	114	339263	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.50	117	298503	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	141947	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	99907	49.09	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	98.18%	
35) Dibromofluoromethane	7.75	113	94305	47.48	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	94.96%	
50) Toluene-d8	10.19	98	385729	50.40	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.49	95	137824	44.05	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	88.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	26826	18.129	ug/l	95
3) Chloromethane	2.13	50	41309	19.367	ug/l	98
4) Vinyl Chloride	2.27	62	43926	20.442	ug/l	99
5) Bromomethane	2.66	94	31741	27.500	ug/l	95
6) Chloroethane	2.81	64	29236	23.551	ug/l	96
7) Trichlorofluoromethane	3.15	101	58473	19.550	ug/l	98
8) Diethyl Ether	3.55	74	24417	21.009	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	37938	19.705	ug/l	99
10) Methyl Iodide	4.12	142	47847	18.157	ug/l	99
11) Tert butyl alcohol	5.00	59	25748	125.755	ug/l	97
12) 1,1-Dichloroethene	3.90	96	38824	19.711	ug/l	98
13) Acrolein	3.75	56	19061	103.410	ug/l	98
14) Allyl chloride	4.51	41	67615	20.339	ug/l	99
15) Acrylonitrile	5.21	53	60636	104.320	ug/l	99
16) Acetone	3.98	43	50539	106.936	ug/l	99
17) Carbon Disulfide	4.22	76	116401	18.259	ug/l	99
18) Methyl Acetate	4.51	43	31801	20.352	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	113616	20.853	ug/l	100
20) Methylene Chloride	4.75	84	56624	22.693	ug/l	98
21) trans-1,2-Dichloroethene	5.26	96	45094	20.190	ug/l	97
22) Diisopropyl ether	6.16	45	142602	21.002	ug/l	99
23) Vinyl Acetate	6.10	43	458894	105.675	ug/l	97
24) 1,1-Dichloroethane	6.06	63	77584	20.871	ug/l	99
25) 2-Butanone	7.02	43	82981	112.815	ug/l	98
26) 2,2-Dichloropropane	7.02	77	67031	19.610	ug/l	98
27) cis-1,2-Dichloroethene	7.02	96	50680	20.709	ug/l	99
28) Bromochloromethane	7.37	49	28133	18.430	ug/l	98
29) Tetrahydrofuran	7.38	42	52801	104.749	ug/l	97
30) Chloroform	7.54	83	77237	21.206	ug/l	98
31) Cyclohexane	7.81	56	74324	18.884	ug/l	97
32) 1,1,1-Trichloroethane	7.73	97	65689	20.326	ug/l	98
36) 1,1-Dichloropropene	7.94	75	60950	19.711	ug/l	98
37) Ethyl Acetate	7.11	43	35255	19.427	ug/l	99
38) Carbon Tetrachloride	7.92	117	55494	19.583	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
 Data File : VY001269.D
 Acq On : 17 Jan 2020 16:49
 Operator : SY/MD
 Sample : VY0117SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VY0117SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/20/2020 11:06:52 AM

Quant Time: Jan 18 03:41:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	78177	18.648	ug/l	98
40) Benzene	8.19	78	183305	20.308	ug/l	99
41) Methacrylonitrile	7.35	41	17702m	20.766	ug/l	
42) 1,2-Dichloroethane	8.27	62	51611	20.420	ug/l	98
43) Isopropyl Acetate	8.30	43	69530	20.037	ug/l	98
44) Trichloroethene	8.96	130	47752	20.303	ug/l	97
45) 1,2-Dichloropropane	9.24	63	46891	21.014	ug/l	93
46) Dibromomethane	9.32	93	24792	20.363	ug/l	98
47) Bromodichloromethane	9.52	83	60537	20.402	ug/l	99
48) Methyl methacrylate	9.31	41	31586	19.670	ug/l	97
49) 1,4-Dioxane	9.31	88	6644	448.091	ug/l #	94
51) 4-Methyl-2-Pentanone	10.08	43	178192	101.201	ug/l	98
52) Toluene	10.26	92	115886	20.130	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	65767	19.807	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	76090	20.326	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	36842	20.411	ug/l	97
56) Ethyl methacrylate	10.52	69	53509	19.380	ug/l	98
57) 1,3-Dichloropropane	10.80	76	62969	20.321	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	98569	101.504	ug/l	100
59) 2-Hexanone	10.85	43	126024	102.126	ug/l	100
60) Dibromochloromethane	11.00	129	41021	19.739	ug/l	98
61) 1,2-Dibromoethane	11.10	107	35159	19.949	ug/l	97
64) Tetrachloroethene	10.73	164	37922	19.708	ug/l	97
65) Chlorobenzene	11.53	112	122488	20.536	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	42184	20.520	ug/l	98
67) Ethyl Benzene	11.60	91	225221	20.641	ug/l	98
68) m/p-Xylenes	11.71	106	170002	41.303	ug/l	99
69) o-Xylene	12.04	106	81180	20.571	ug/l	98
70) Styrene	12.05	104	140672	20.316	ug/l	98
71) Bromoform	12.22	173	24601	19.405	ug/l #	99
73) Isopropylbenzene	12.34	105	215086	20.156	ug/l	100
74) N-amyl acetate	12.15	43	66355	19.925	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	44578	19.855	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	35241m	23.192	ug/l	
77) Bromobenzene	12.62	156	49193	20.863	ug/l	94
78) n-propylbenzene	12.68	91	260543	20.298	ug/l	100
79) 2-Chlorotoluene	12.77	91	145840	19.784	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	179865	20.201	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	15664	17.481	ug/l #	97
82) 4-Chlorotoluene	12.86	91	156507	19.887	ug/l	98
83) tert-Butylbenzene	13.08	119	152833	20.428	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	180004	20.358	ug/l	99
85) sec-Butylbenzene	13.26	105	219766	20.419	ug/l	100
86) p-Isopropyltoluene	13.38	119	196430	21.020	ug/l	98
87) 1,3-Dichlorobenzene	13.38	146	93768	21.027	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	94200	20.525	ug/l	100
89) n-Butylbenzene	13.70	91	193692	20.579	ug/l	99
90) Hexachloroethane	13.97	117	36446	19.960	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	87824	21.191	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7587	18.734	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
Data File : VY001269.D
Acq On : 17 Jan 2020 16:49
Operator : SY/MD
Sample : VY0117SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01

Manual Integrations
APPROVED

MMDadoda
1/20/2020 11:06:52 AM

Quant Time: Jan 18 03:41:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	58756	21.518	ug/l	100
94) Hexachlorobutadiene	15.12	225	29331	21.322	ug/l	99
95) Naphthalene	15.25	128	129279	20.336	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	51711	21.488	ug/l	99

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

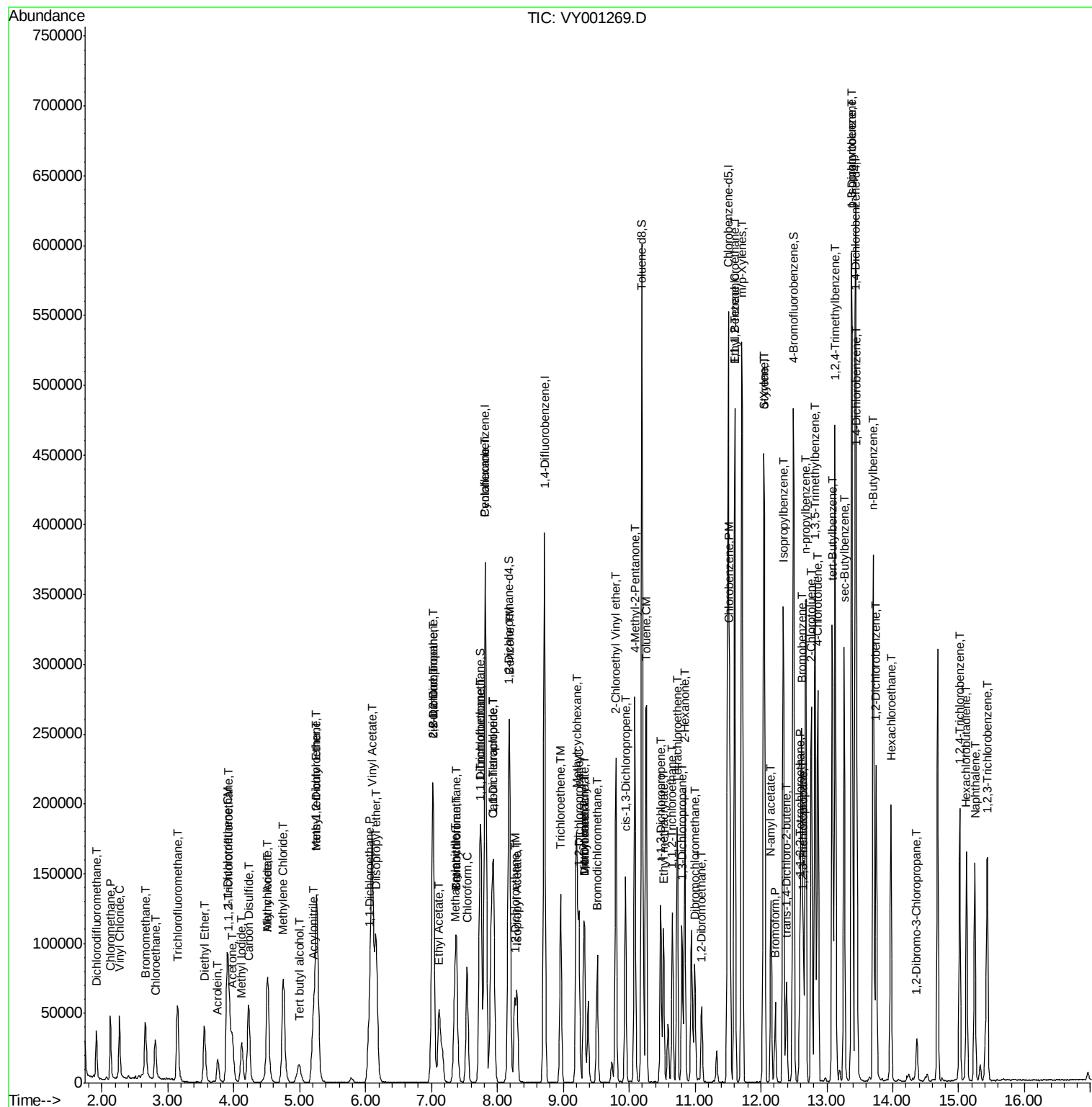
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
 Data File : VY001269.D
 Acq On : 17 Jan 2020 16:49
 Operator : SY/MD
 Sample : VY0117SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

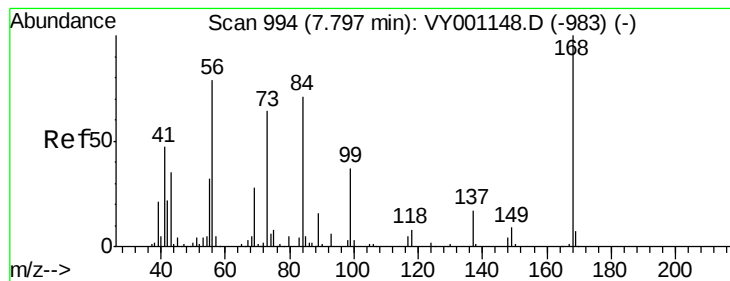
Instrument :
 MSVOA_Y
 Client Sample Id :
 VY0117SBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/20/2020 11:06:52 AM

Quant Time: Jan 18 03:41:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.02 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tot Ion:168 Resp: 192676

Ion Ratio Lower Upper

168 100

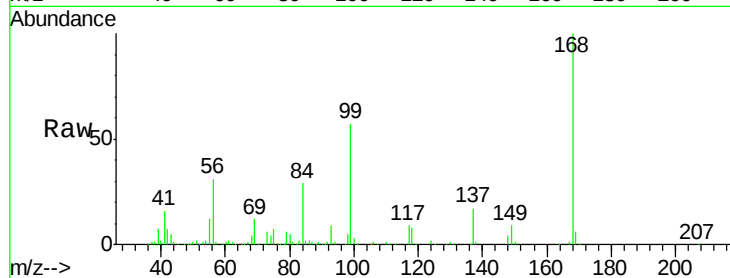
99 57.1 47.9 71.9

Manual Integrations

APPROVED

MMDadoda

1/20/2020 11:06:52 AM



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.82

80000

60000

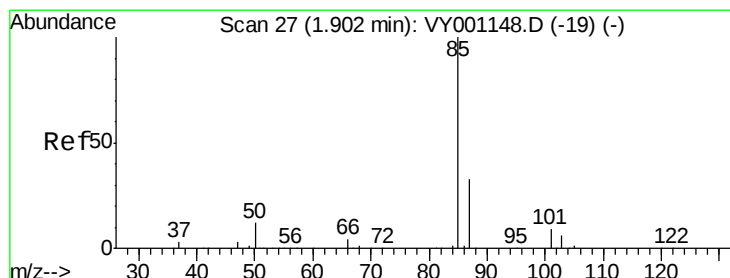
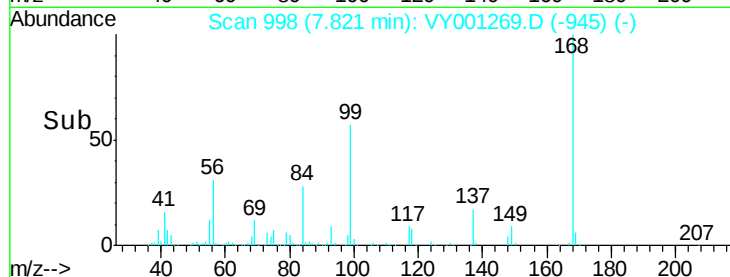
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.129 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY001269.D

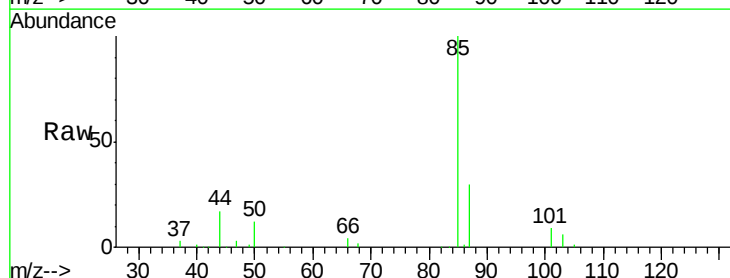
Acq: 17 Jan 2020 16:49

Tgt Ion: 85 Resp: 26826

Ion Ratio Lower Upper

85 100

87 30.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VY001148.D (-19) (-)

Ion 86.90 (86.60 to 87.60): VY001148.D (-19) (-)

1.91

20000

15000

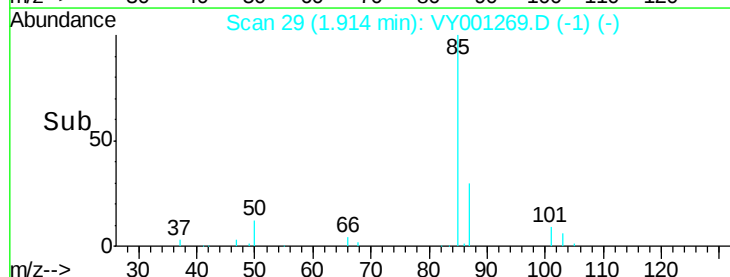
10000

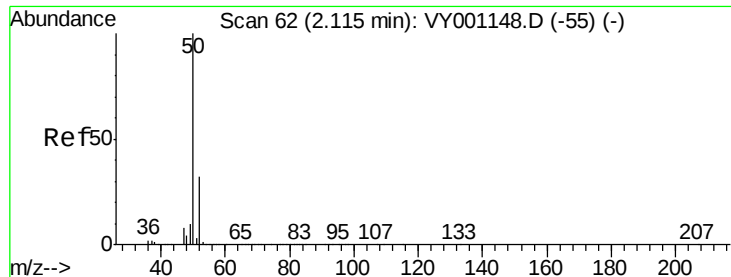
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 19.367 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tot Ion: 50 Resp: 41309

Ion Ratio Lower Upper

50 100

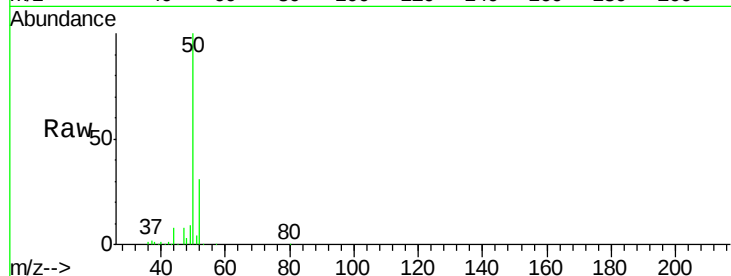
52 31.3 25.8 38.6

Manual Integrations

APPROVED

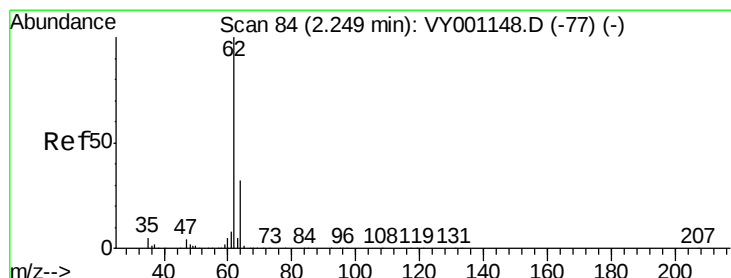
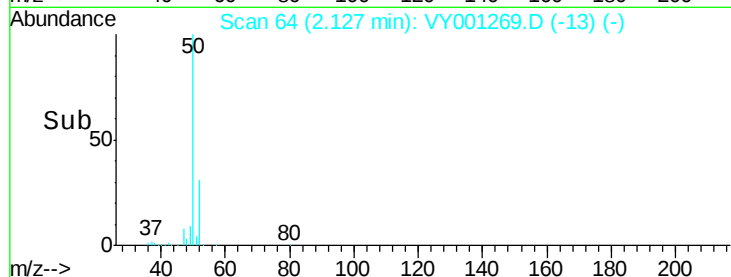
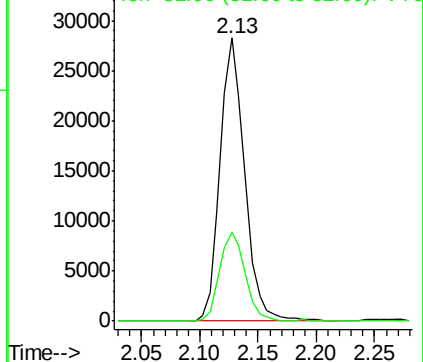
MMDadoda

1/20/2020 11:06:52 AM



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.442 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.02 min

Lab File: VY001269.D

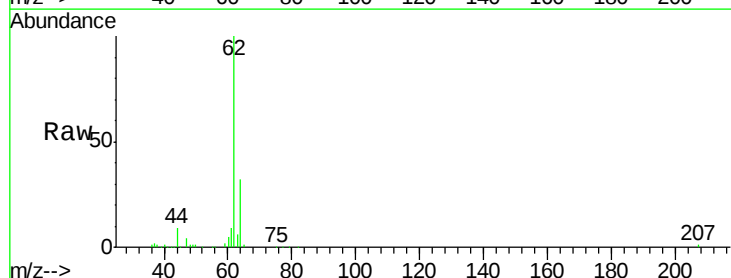
Acq: 17 Jan 2020 16:49

Tgt Ion: 62 Resp: 43926

Ion Ratio Lower Upper

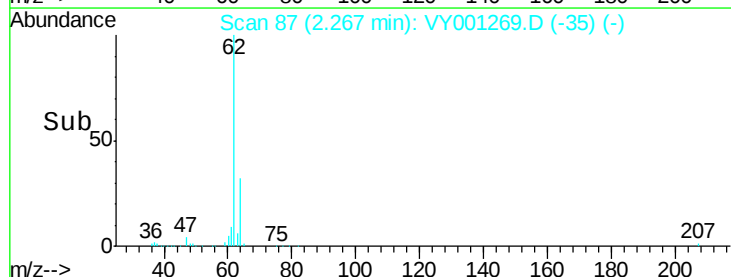
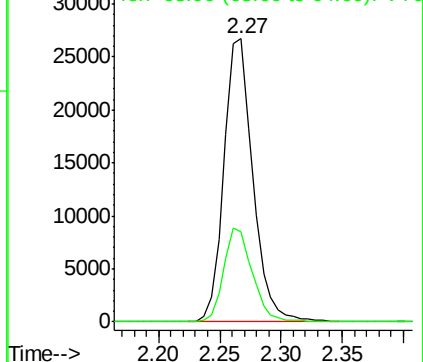
62 100

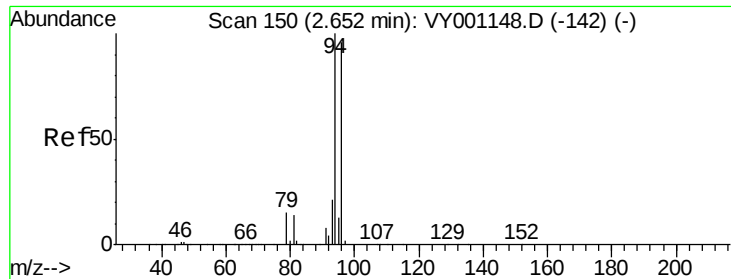
64 31.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 27.500 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tot Ion: 94 Resp: 31741

Ion Ratio Lower Upper

94 100

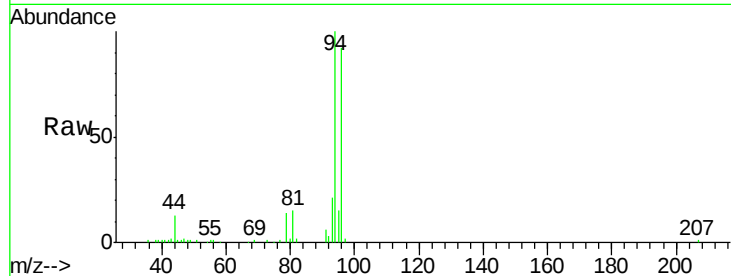
96 91.3 77.3 115.9

Manual Integrations

APPROVED

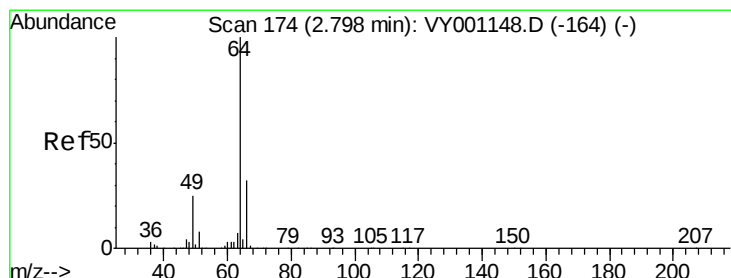
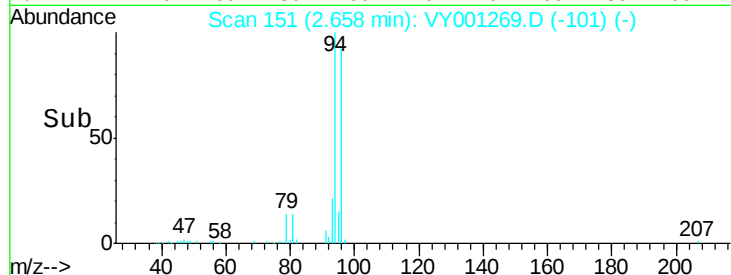
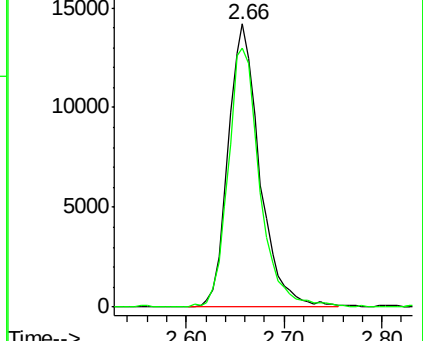
MMDadoda

1/20/2020 11:06:52 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 23.551 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY001269.D

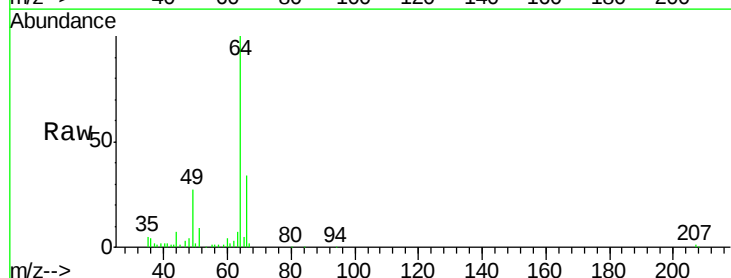
Acq: 17 Jan 2020 16:49

Tgt Ion: 64 Resp: 29236

Ion Ratio Lower Upper

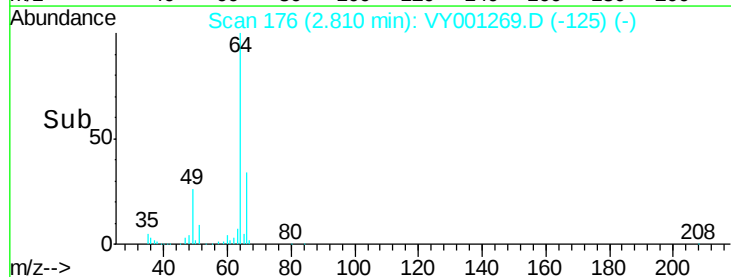
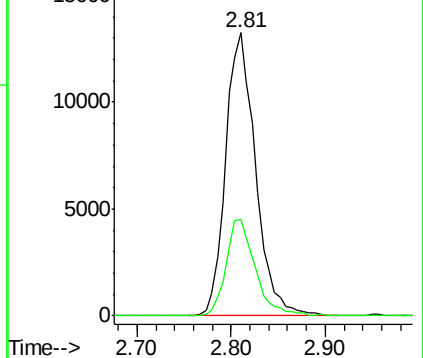
64 100

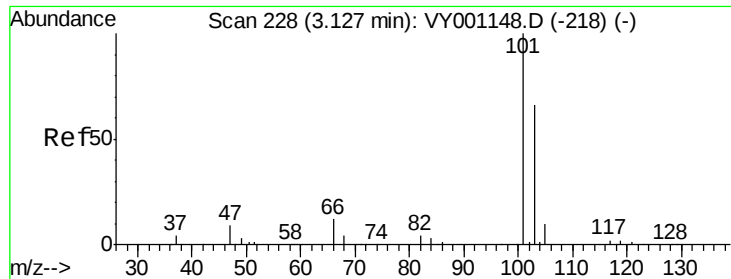
66 34.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

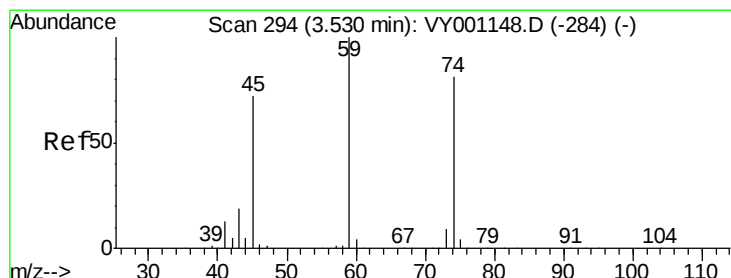
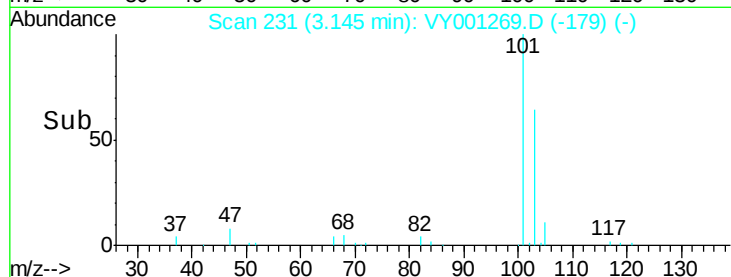
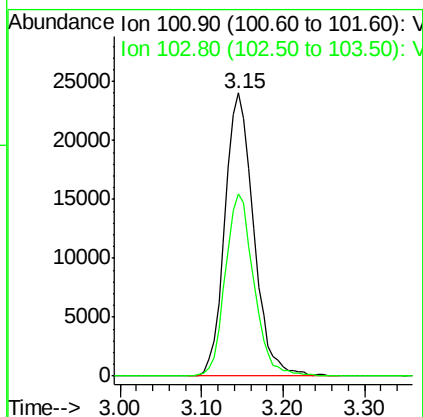
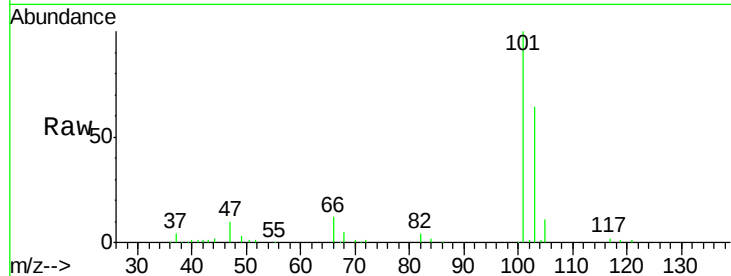
Trichlorofluoromethane
Concen: 19.550 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.02 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion:101 Resp: 58473
Ion Ratio Lower Upper
101 100
103 64.5 52.6 79.0

Manual Integrations
APPROVED

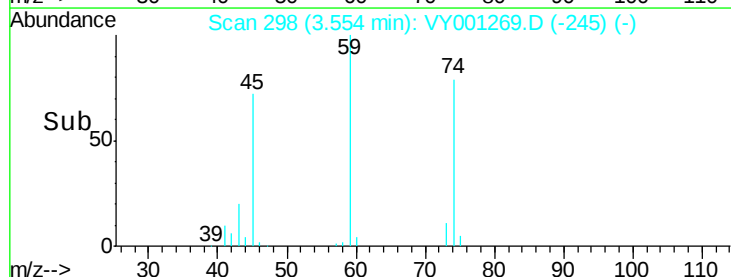
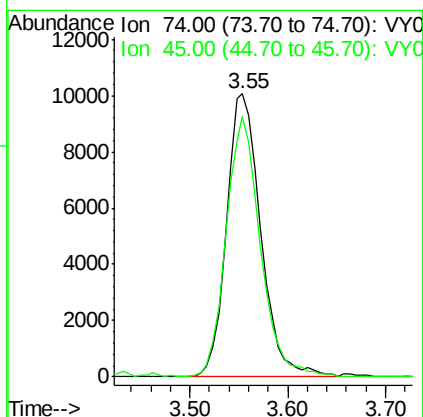
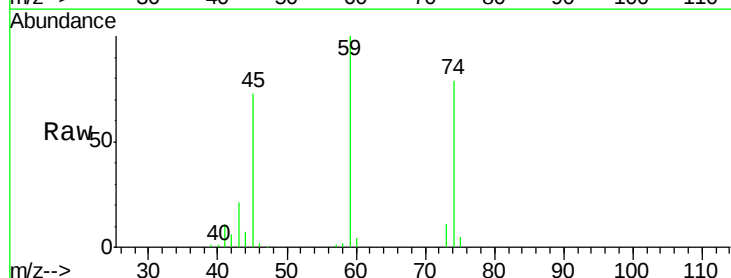
MMDadoda
1/20/2020 11:06:52 AM

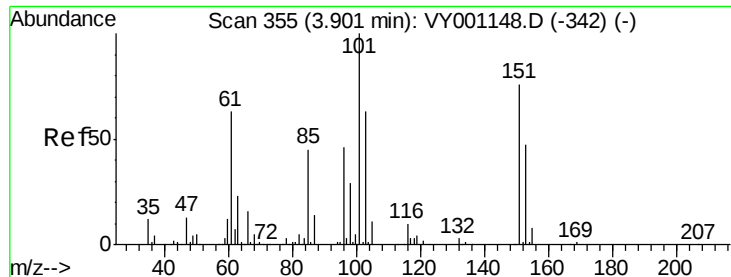


#8

Diethyl Ether
Concen: 21.009 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.02 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Tgt Ion: 74 Resp: 24417
Ion Ratio Lower Upper
74 100
45 91.9 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.705 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.03 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Instrument :

MSVOA_Y

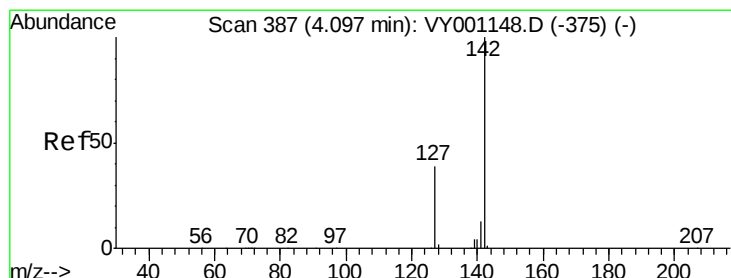
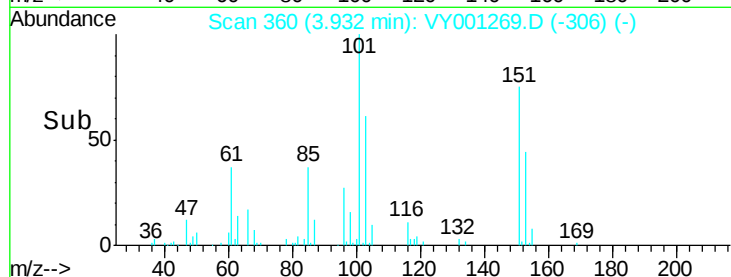
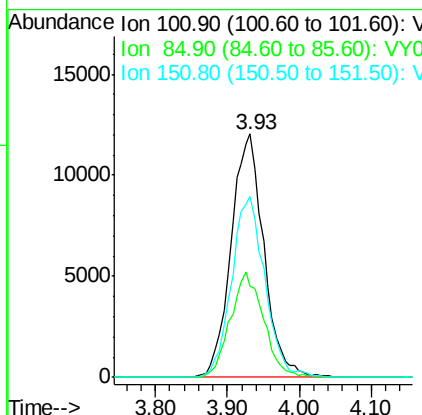
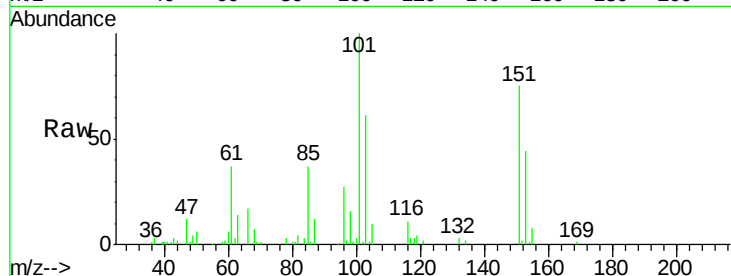
ClientSampleId :

VY0117SBS01

Tot Ion:	101	Resp:	37938
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.2	52.8
151	75.9	61.4	92.2

Manual Integrations
APPROVED

MMDadoda
1/20/2020 11:06:52 AM



#10

Methyl Iodide

Concen: 18.157 ug/l

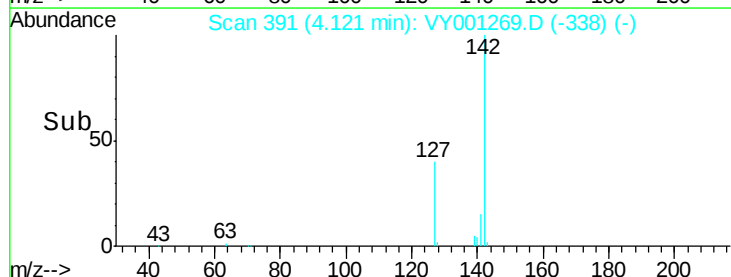
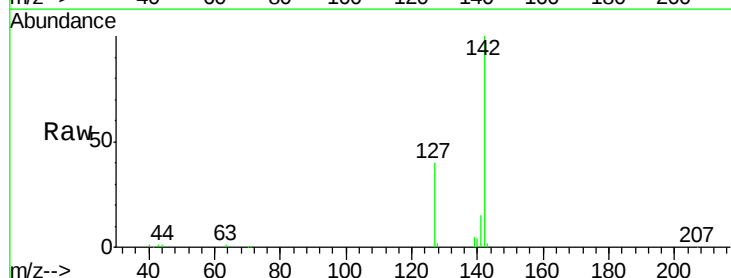
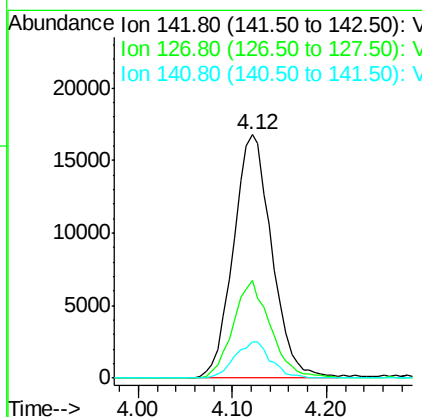
RT: 4.12 min Scan# 391

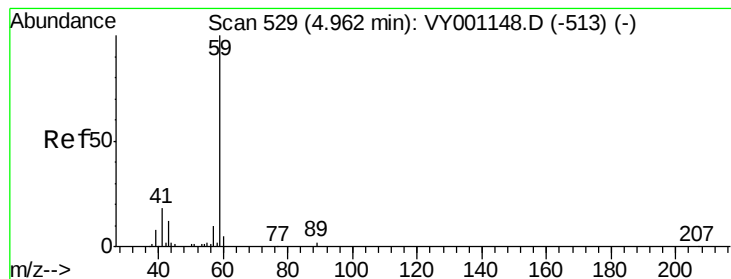
Delta R.T. 0.02 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Tgt Ion:	142	Resp:	47847
Ion Ratio	Lower	Upper	
142	100		
127	38.9	30.8	46.2
141	14.0	11.0	16.4





#11

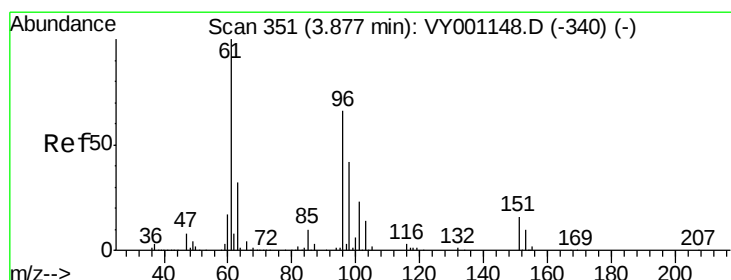
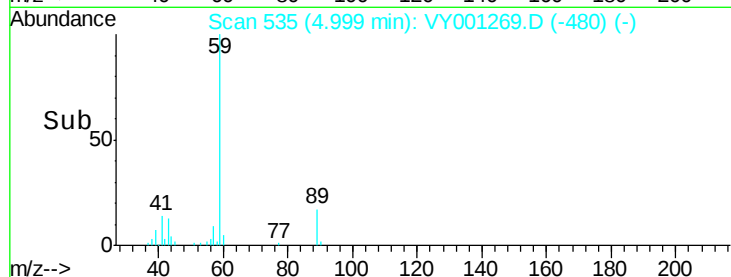
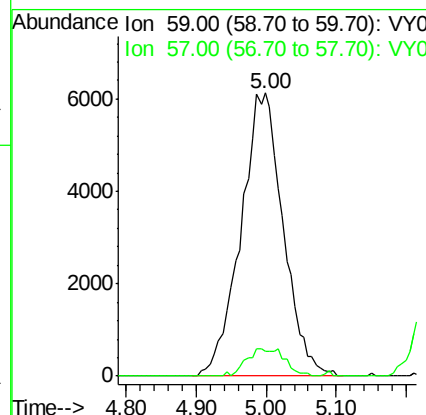
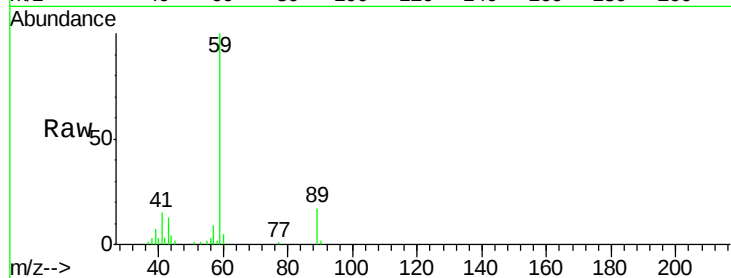
Tert butyl alcohol
 Concen: 125.755 ug/l
 RT: 5.00 min Scan# 535
 Delta R.T. 0.04 min
 Lab File: VY001269.D
 Acq: 17 Jan 2020 16:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.8	7.8	11.8

Manual Integrations
 APPROVED

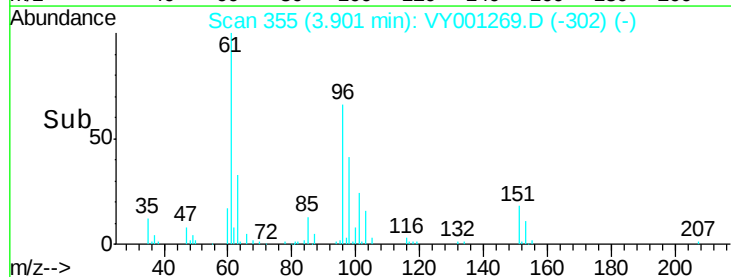
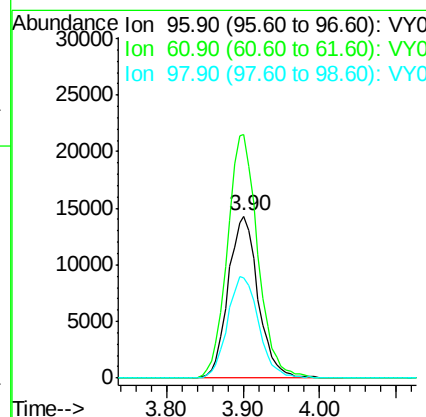
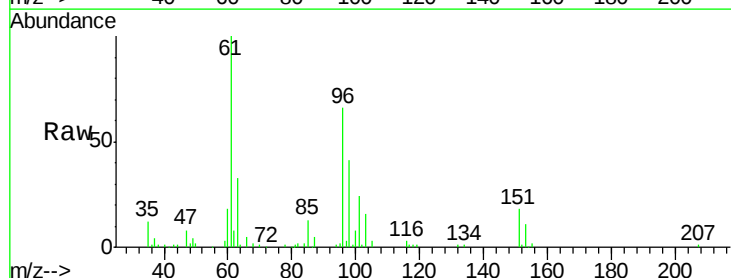
MMDadoda
 1/20/2020 11:06:52 AM

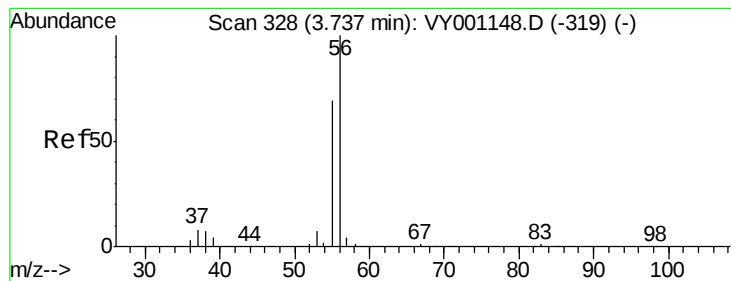


#12

1,1-Dichloroethene
 Concen: 19.711 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.02 min
 Lab File: VY001269.D
 Acq: 17 Jan 2020 16:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.6	122.1	183.1
98	62.1	51.0	76.6





#13

Acrolein

Concen: 103.410 ug/l

RT: 3.75 min Scan# 331

Delta R.T. 0.02 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tot Ion: 56 Resp: 19061

Ion Ratio Lower Upper

56 100

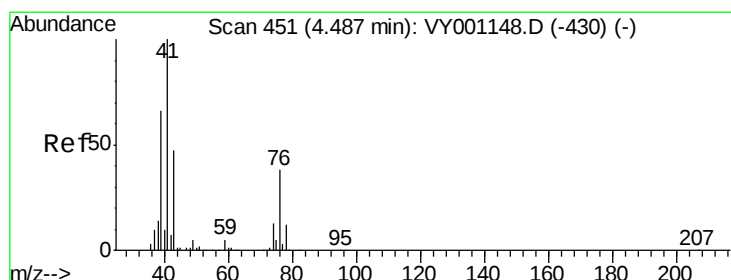
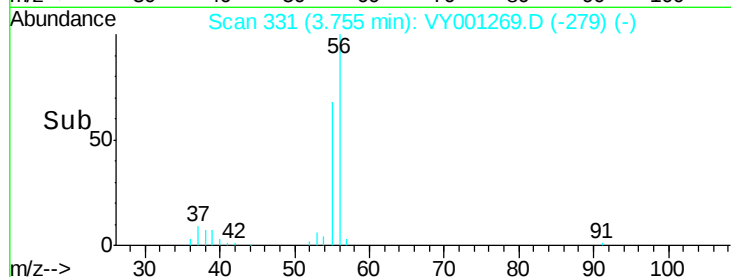
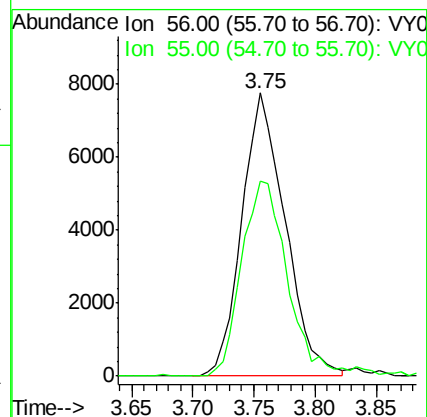
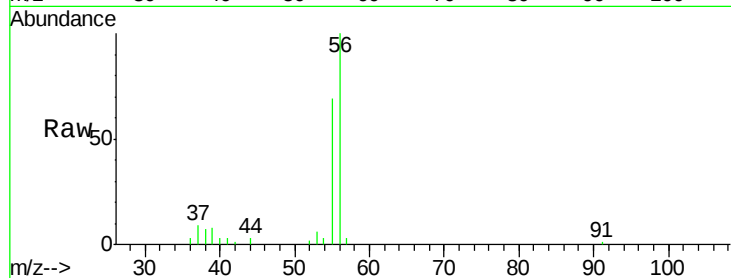
55 72.4 56.7 85.1

Manual Integrations

APPROVED

MMDadoda

1/20/2020 11:06:52 AM



#14

Allyl chloride

Concen: 20.339 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.02 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

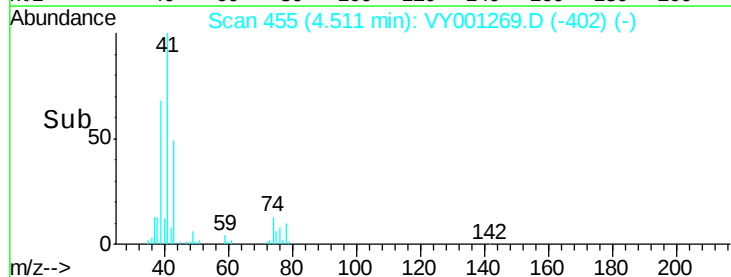
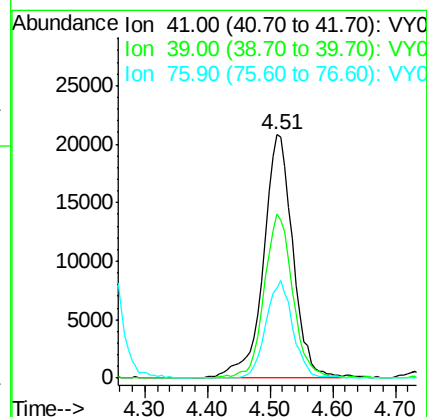
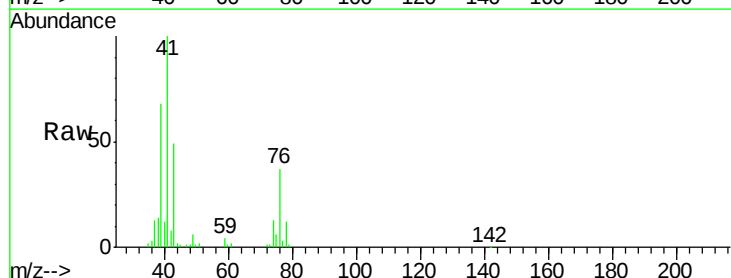
Tgt Ion: 41 Resp: 67615

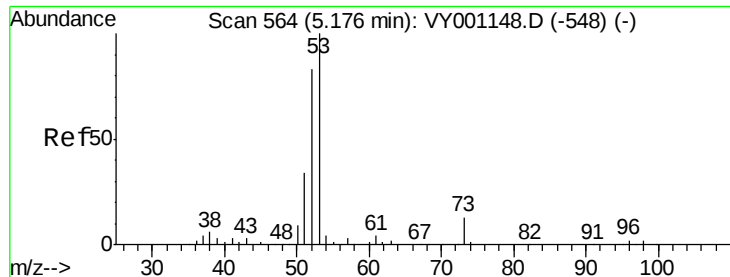
Ion Ratio Lower Upper

41 100

39 65.1 52.6 78.8

76 36.4 30.2 45.2





#15

Acrylonitrile

Concen: 104.320 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.03 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Instrument :

MSVOA_Y

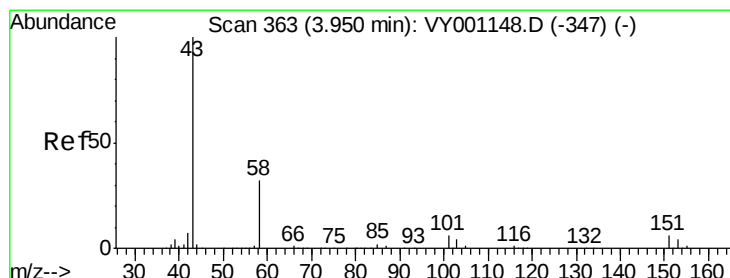
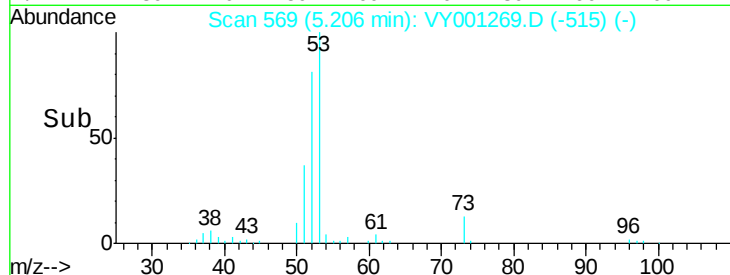
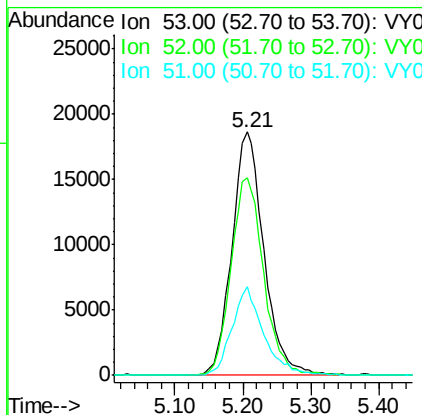
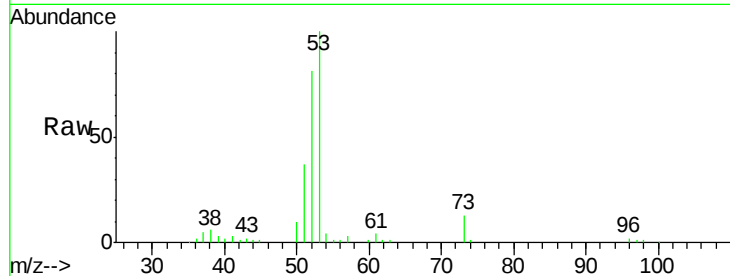
ClientSampleId :

VY0117SBS01

Tot Ion:	53	Resp:	60636
Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.7	98.5
51	35.9	28.7	43.1

Manual Integrations
APPROVED

MMDadoda
1/20/2020 11:06:52 AM



#16

Acetone

Concen: 106.936 ug/l

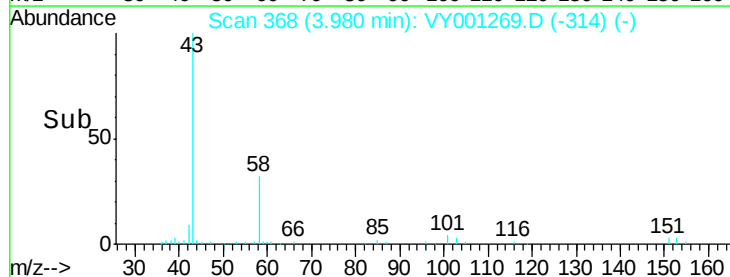
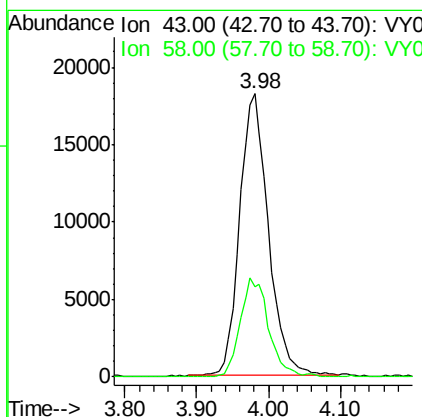
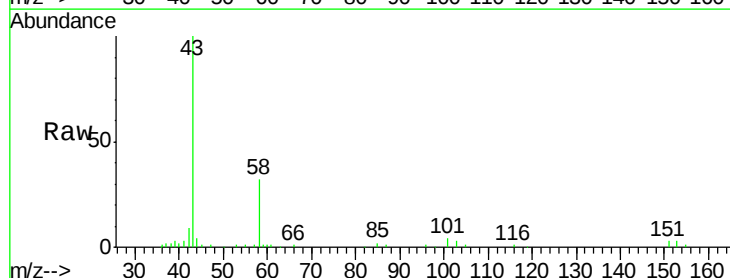
RT: 3.98 min Scan# 368

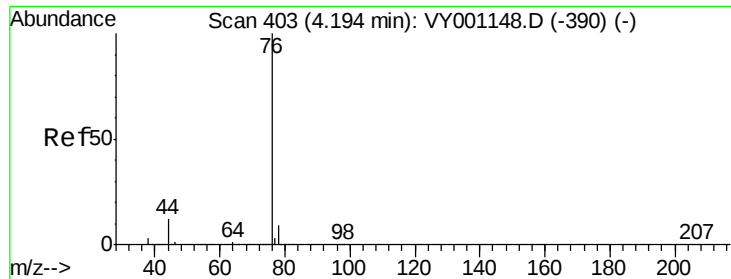
Delta R.T. 0.03 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Tgt Ion:	43	Resp:	50539
Ion	Ratio	Lower	Upper
43	100		
58	31.4	25.8	38.6





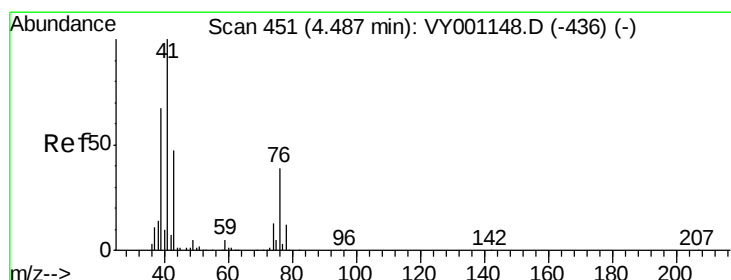
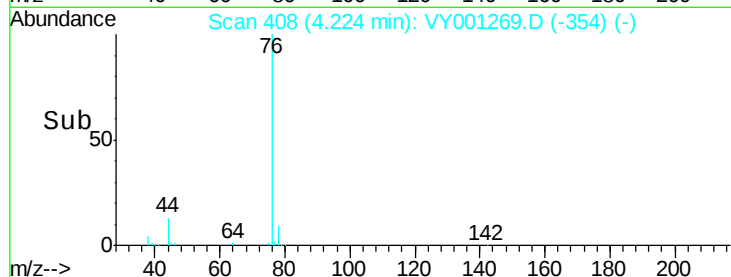
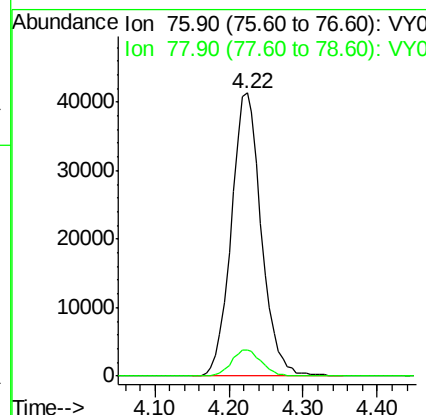
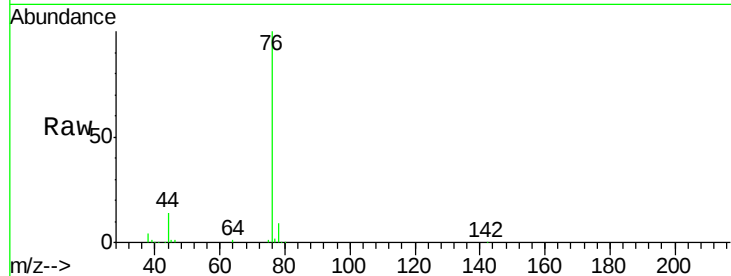
#17
Carbon Disulfide
Concen: 18.259 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.03 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

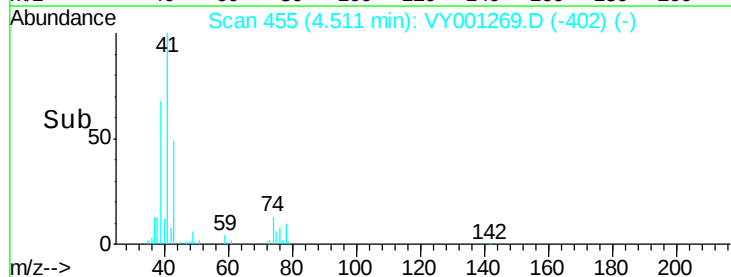
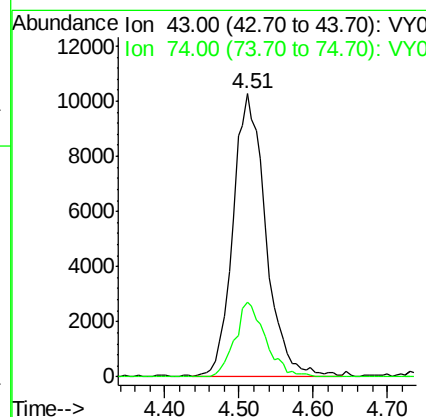
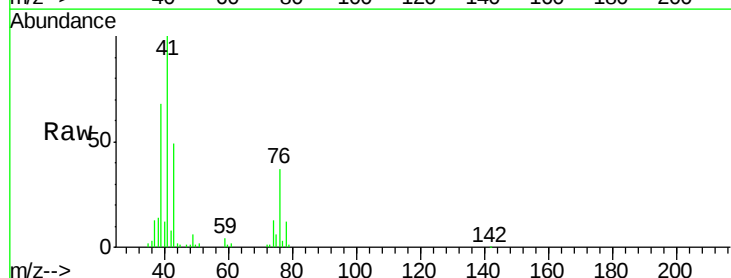
Manual Integrations
APPROVED

MMDadoda
1/20/2020 11:06:52 AM



#18
Methyl Acetate
Concen: 20.352 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.02 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	20.2	30.2





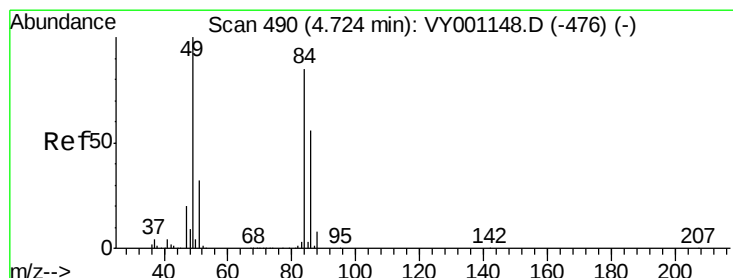
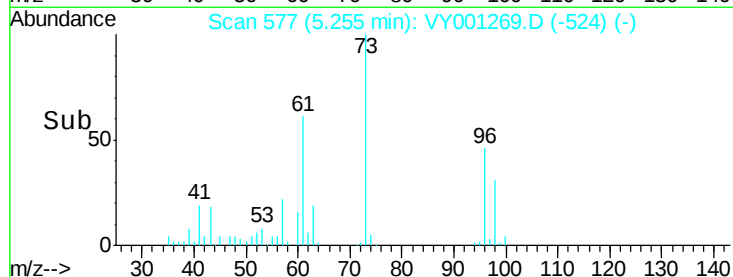
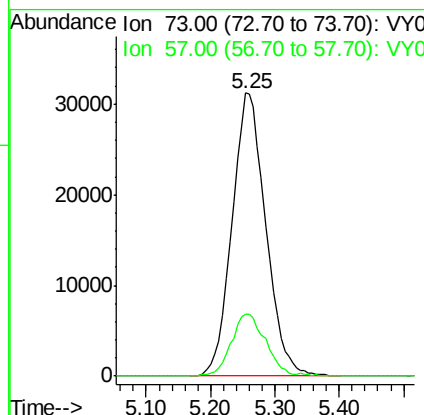
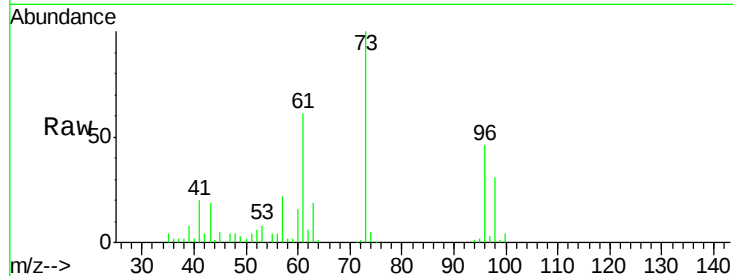
#19
Methvl tert-butvl Ether
Concen: 20.853 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.02 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion: 73 Resp: 113616
Ion Ratio Lower Upper
73 100
57 22.0 17.8 26.6

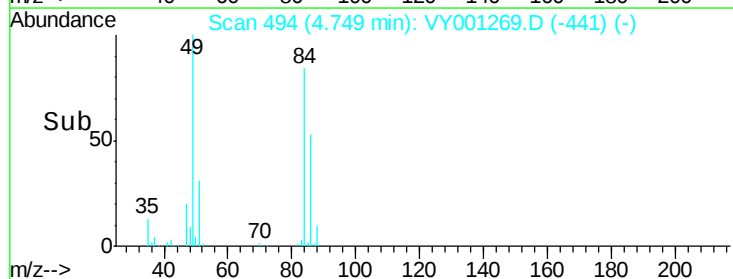
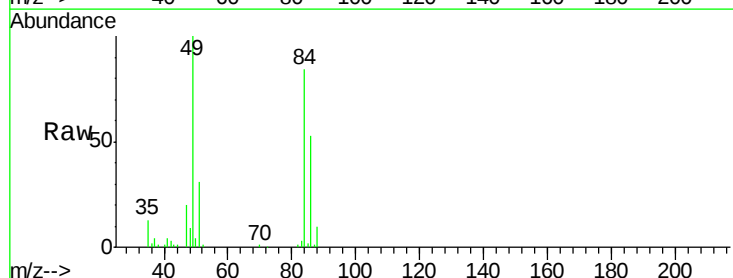
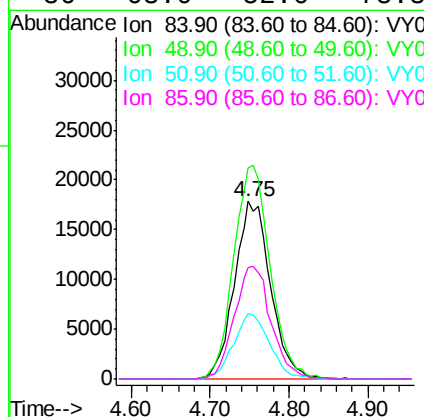
Manual Integrations
APPROVED

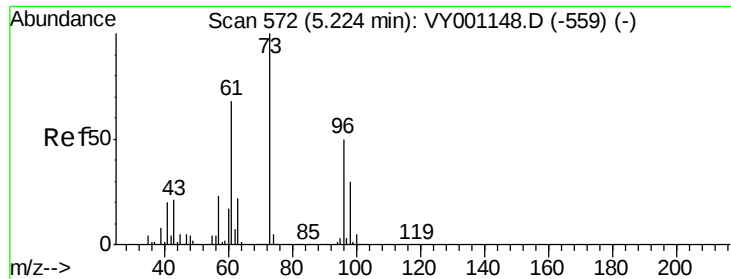
MMDadoda
1/20/2020 11:06:52 AM



#20
Methylene Chloride
Concen: 22.693 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.02 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Tgt Ion: 84 Resp: 56624
Ion Ratio Lower Upper
84 100
49 119.1 93.8 140.6
51 36.8 29.9 44.9
86 63.0 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 20.190 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.04 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Instrument :

MSVOA_Y

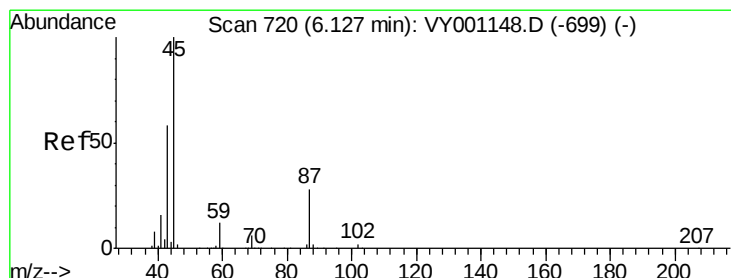
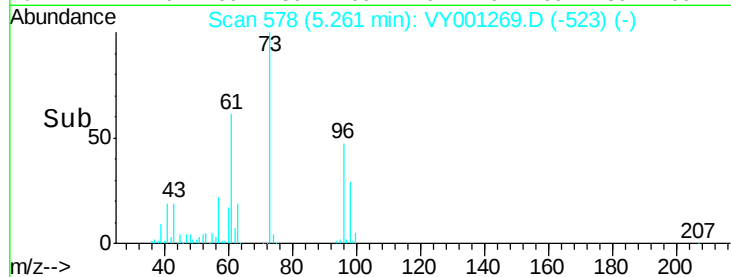
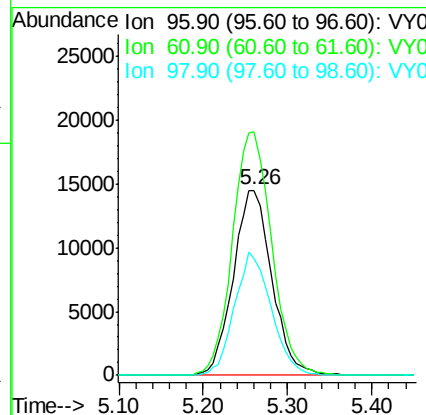
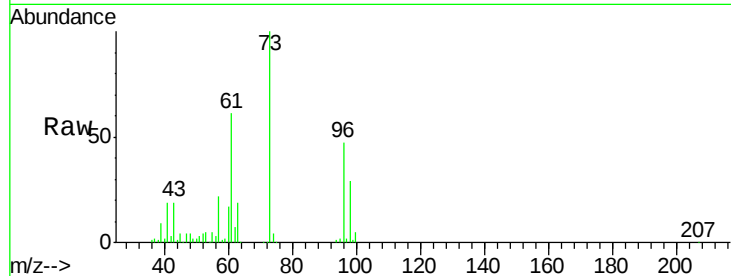
ClientSampleId :

VY0117SBS01

Tot Ion:	96	Resp:	45094
Ion	Ratio	Lower	Upper
96	100		
61	131.6	107.6	161.4
98	63.0	47.6	71.4

Manual Integrations
APPROVED

MMDadoda
1/20/2020 11:06:52 AM



#22

Diisopropyl ether

Concen: 21.002 ug/l

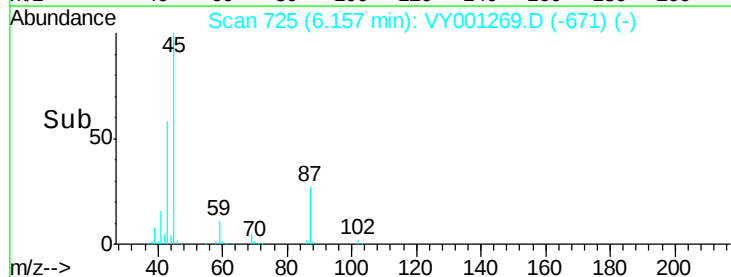
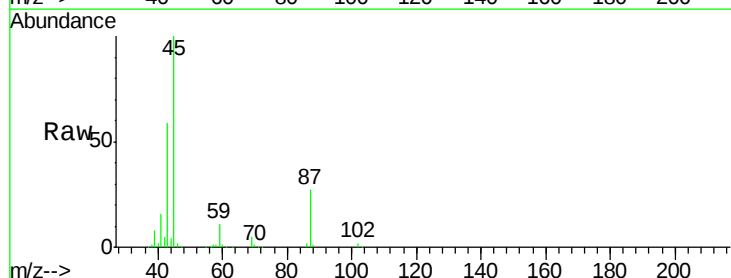
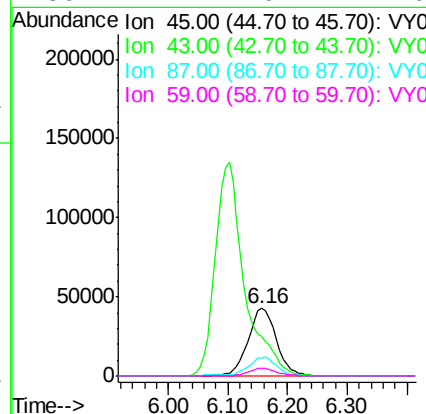
RT: 6.16 min Scan# 725

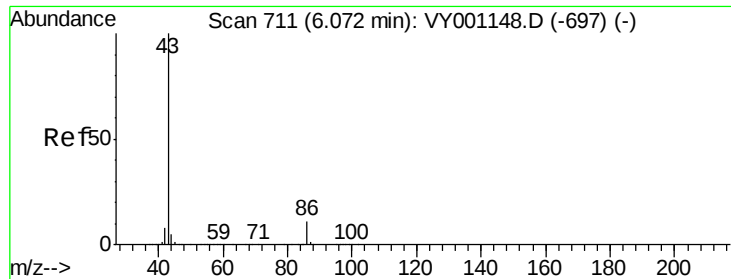
Delta R.T. 0.03 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Tgt Ion:	45	Resp:	142602
Ion	Ratio	Lower	Upper
45	100		
43	58.3	46.5	69.7
87	27.3	22.5	33.7
59	11.4	9.4	14.0





#23

Vinyl Acetate

Concen: 105.675 ug/l

RT: 6.10 min Scan# 716

Delta R.T. 0.03 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tot Ion: 43 Resp: 458894

Ion Ratio Lower Upper

43 100

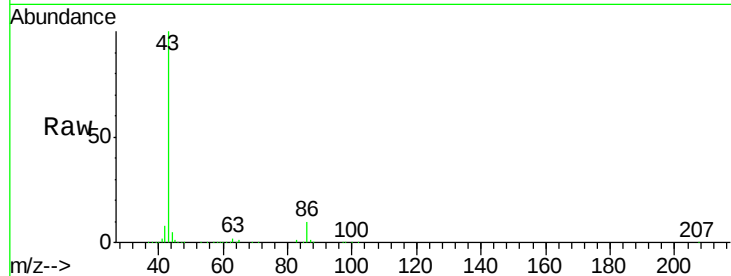
86 9.9 9.0 13.4

Manual Integrations

APPROVED

MMDadoda

1/20/2020 11:06:52 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.10

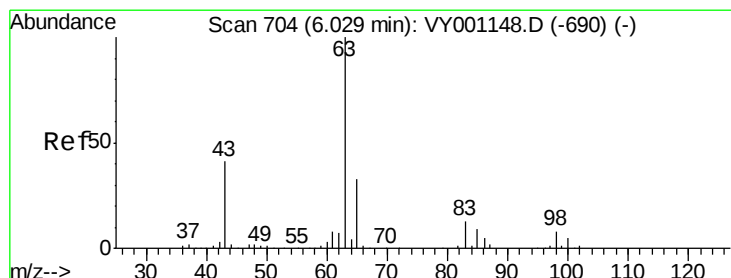
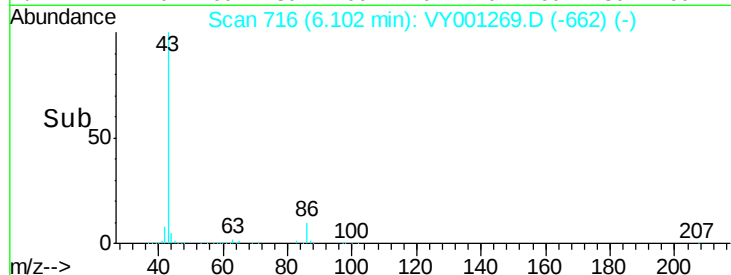
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 20.871 ug/l

RT: 6.06 min Scan# 709

Delta R.T. 0.03 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

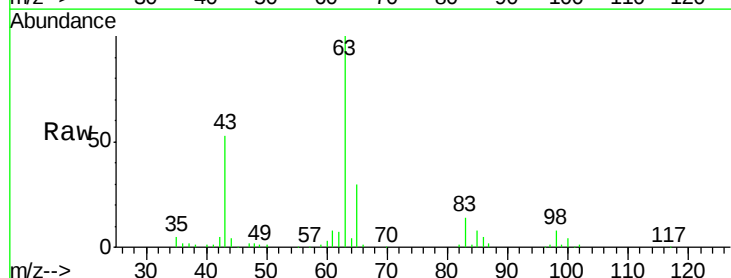
Tgt Ion: 63 Resp: 77584

Ion Ratio Lower Upper

63 100

98 8.3 3.9 11.7

100 4.5 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.06

30000

25000

20000

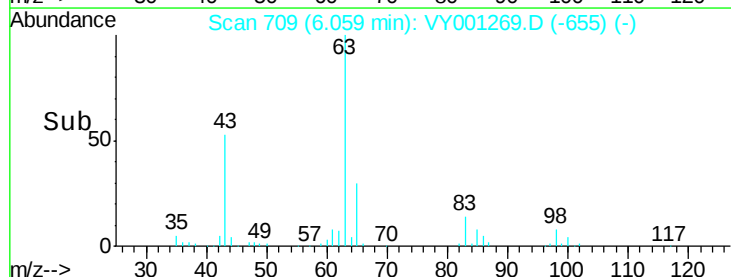
15000

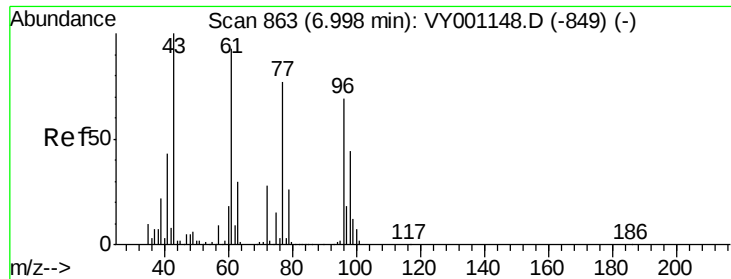
10000

5000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 112.815 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.02 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tot Ion: 43 Resp: 82981

Ion Ratio Lower Upper

43 100

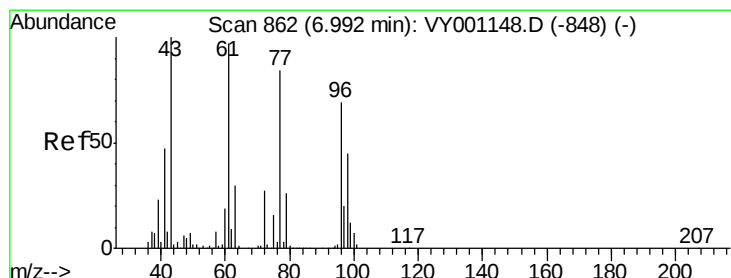
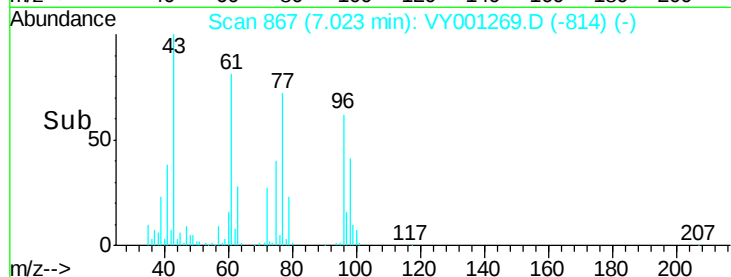
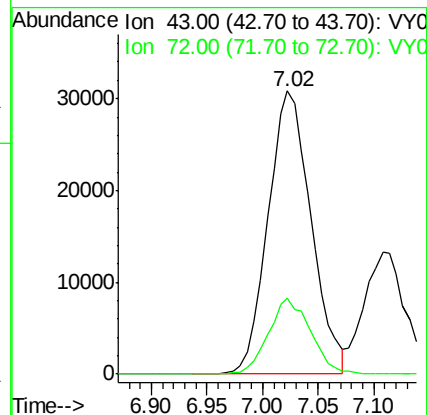
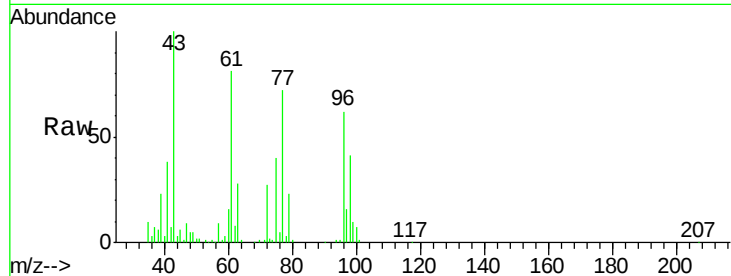
72 26.9 22.2 33.2

Manual Integrations

APPROVED

MMDadoda

1/20/2020 11:06:52 AM



#26

2,2-Dichloropropane

Concen: 19.610 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.02 min

Lab File: VY001269.D

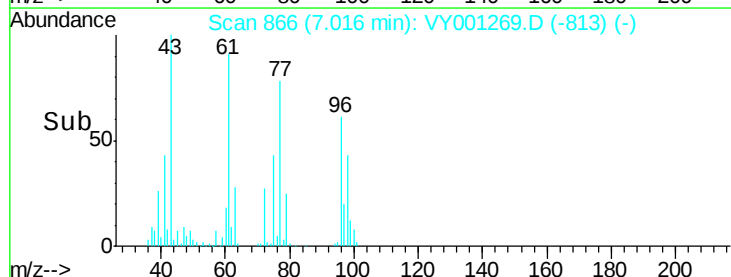
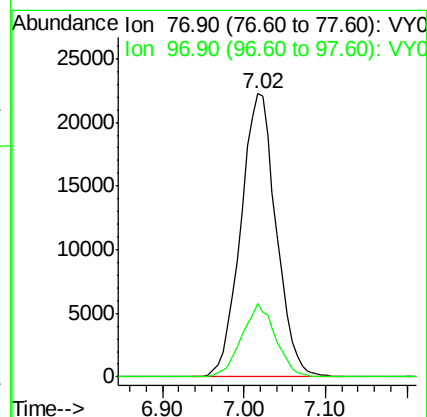
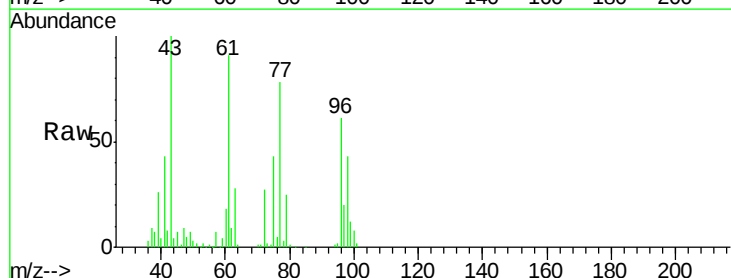
Acq: 17 Jan 2020 16:49

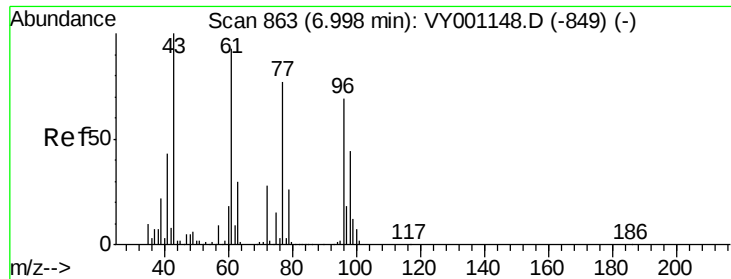
Tgt Ion: 77 Resp: 67031

Ion Ratio Lower Upper

77 100

97 24.7 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 20.709 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.02 min

Lab File: VY001269.D

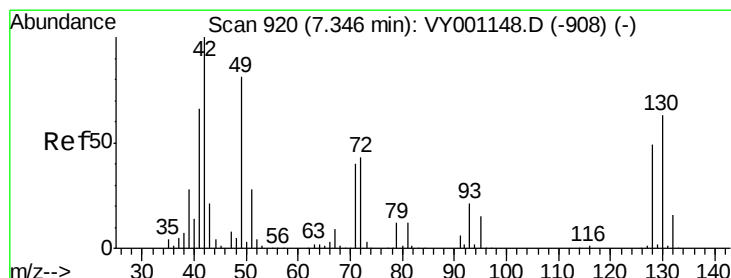
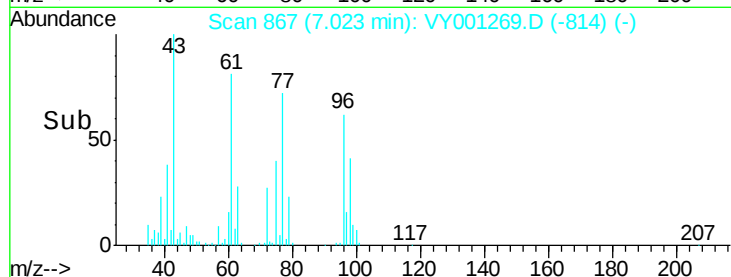
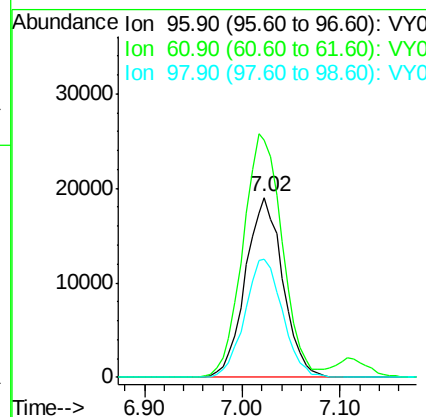
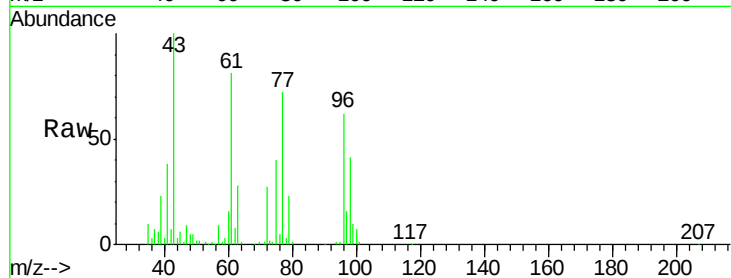
Acq: 17 Jan 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	50680		
61	142.6		0.0	284.0
98	66.1		0.0	130.2

Manual Integrations
APPROVED

MMDadoda
1/20/2020 11:06:52 AM



#28

Bromochloromethane

Concen: 18.430 ug/l

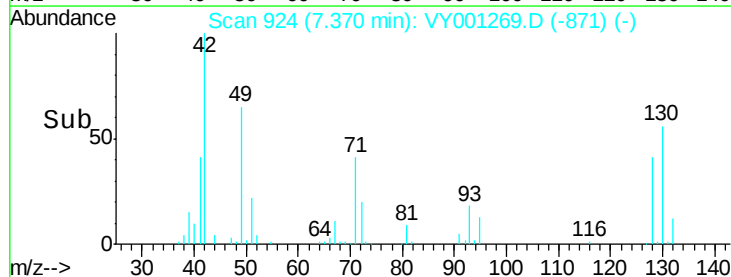
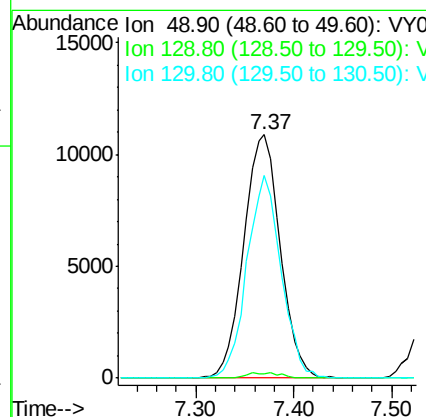
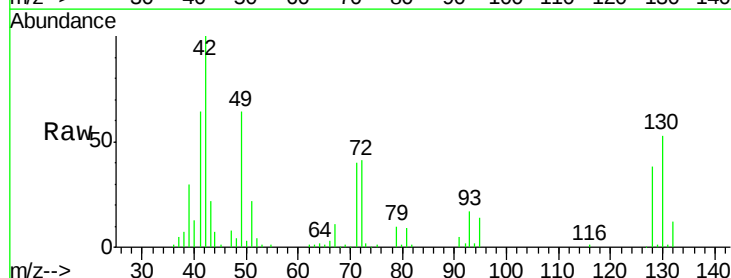
RT: 7.37 min Scan# 924

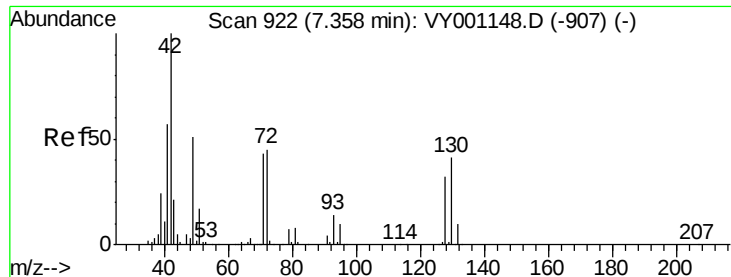
Delta R.T. 0.02 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	28133		
129	1.9		0.0	4.4
130	77.9		61.2	91.8





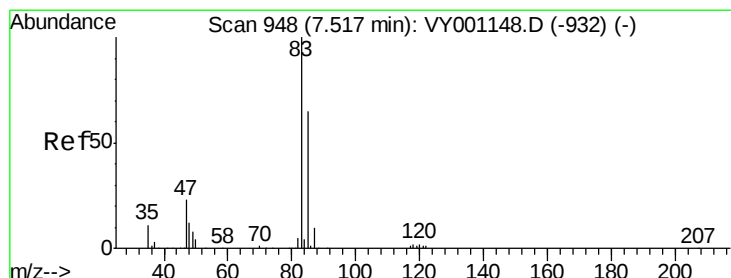
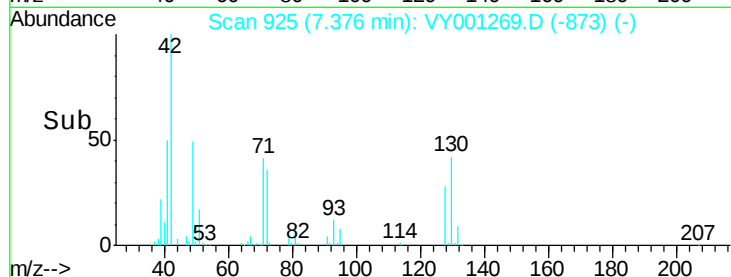
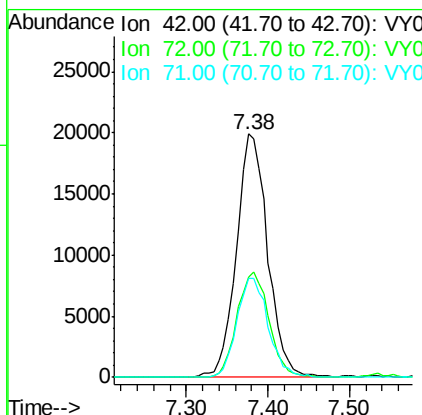
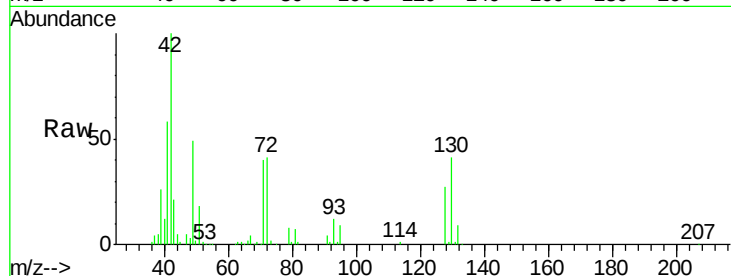
#29
Tetrahydrofuran
Concen: 104.749 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.02 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	36.9	55.3
71	41.0	34.0	51.0

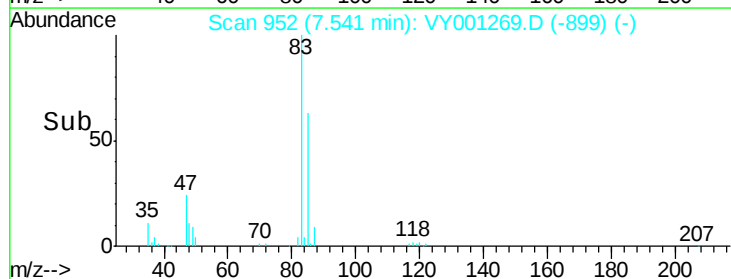
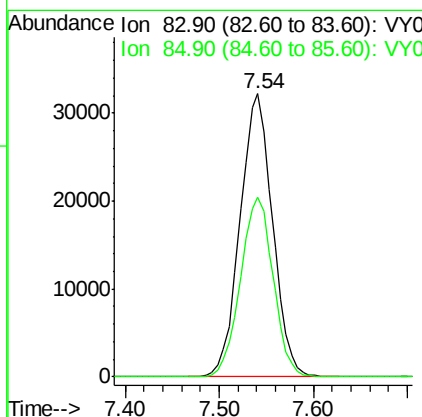
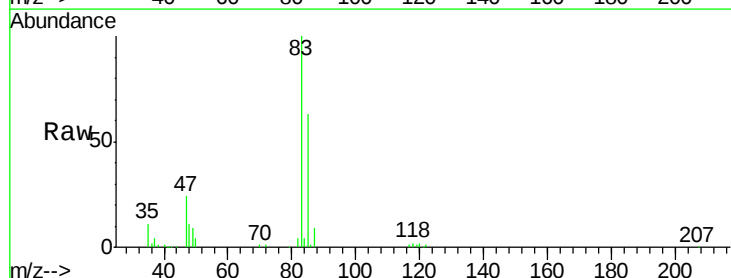
Manual Integrations
APPROVED

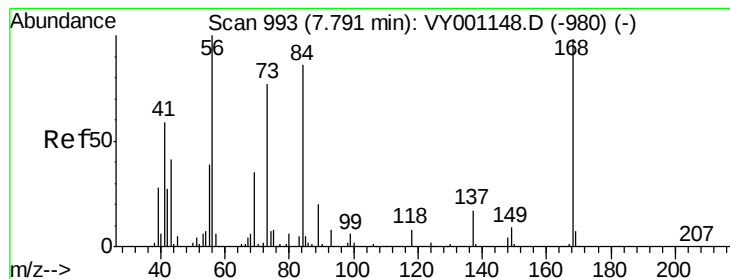
MMDadoda
1/20/2020 11:06:52 AM



#30
Chloroform
Concen: 21.206 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.02 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.9	77.9





#31

Cvclohexane

Concen: 18.884 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.02 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tot Ion: 56 Resp: 74324

Ion Ratio Lower Upper

56 100

69 35.8 27.8 41.8

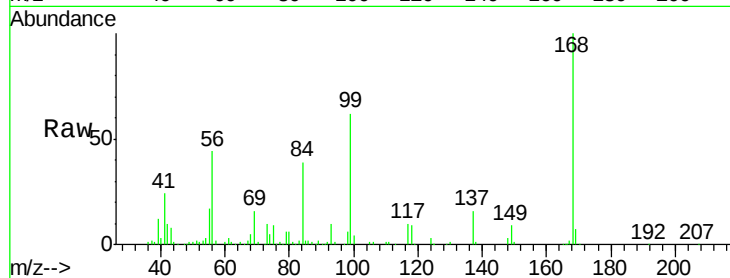
84 88.9 68.9 103.3

Manual Integrations

APPROVED

MMDadoda

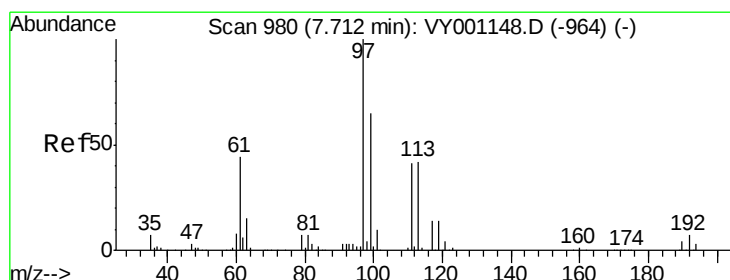
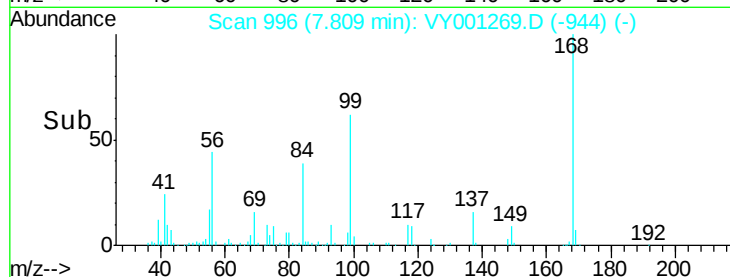
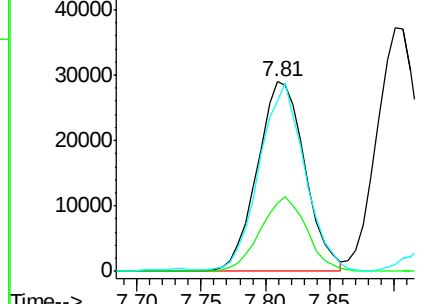
1/20/2020 11:06:52 AM



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 20.326 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.02 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

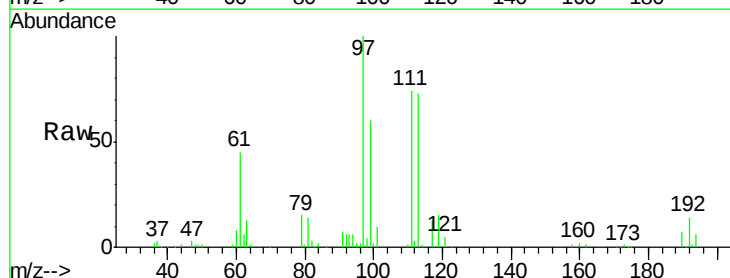
Tgt Ion: 97 Resp: 65689

Ion Ratio Lower Upper

97 100

99 62.2 51.3 76.9

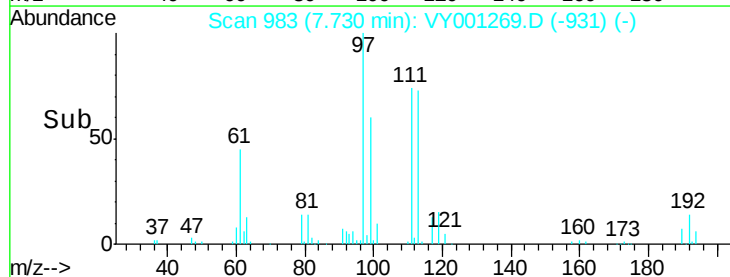
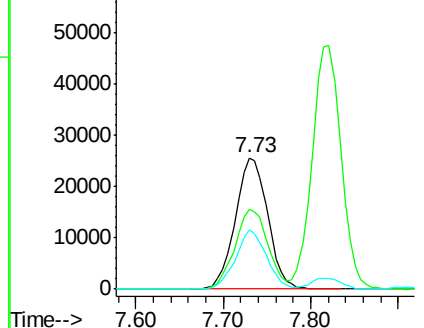
61 42.7 34.6 52.0

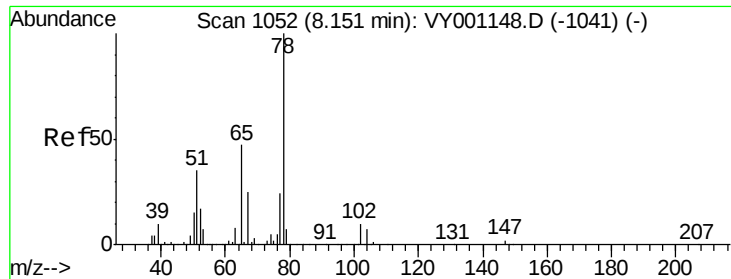


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





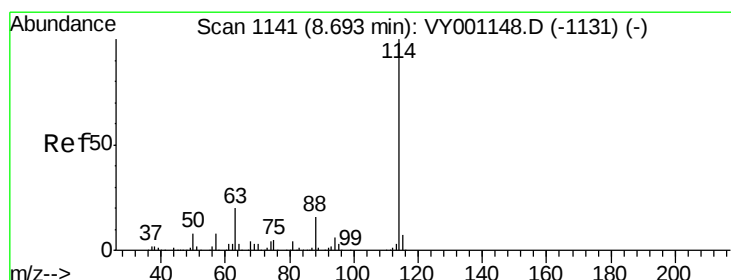
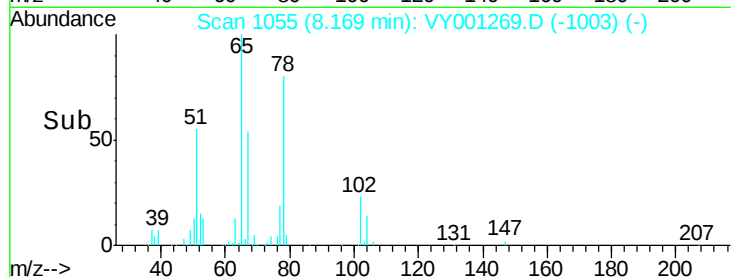
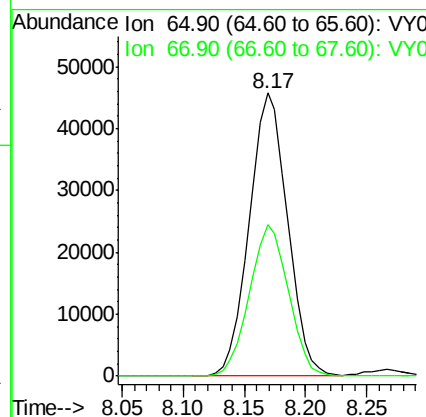
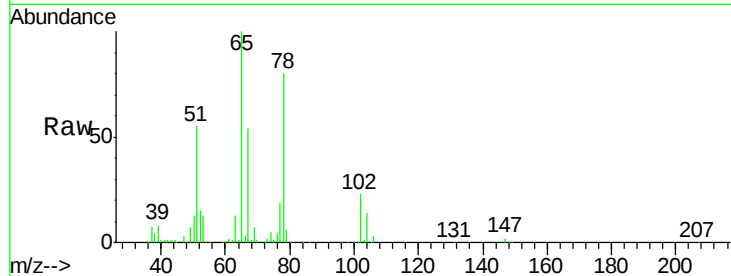
#33
 1,2-Dichloroethane-d4
 Concen: 49.094 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.02 min
 Lab File: VY001269.D
 Acq: 17 Jan 2020 16:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.4	0.0	105.2	

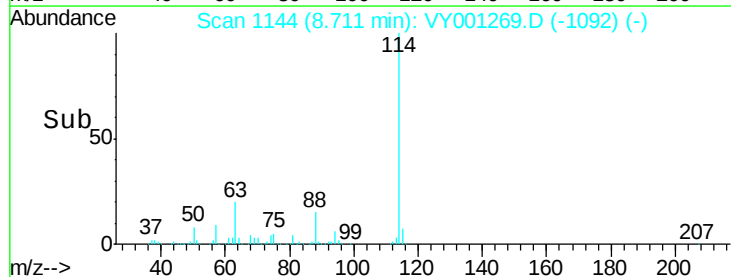
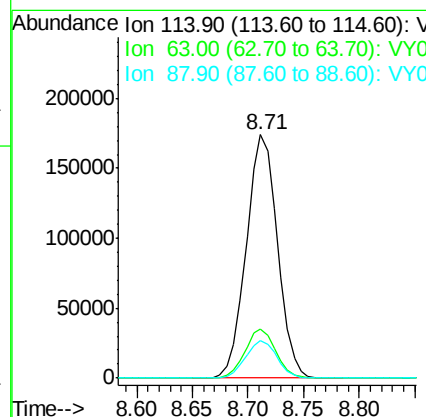
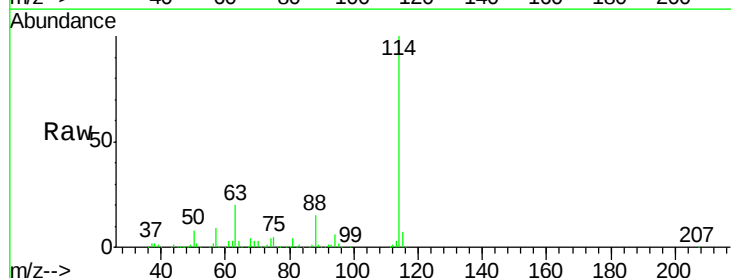
Manual Integrations
 APPROVED

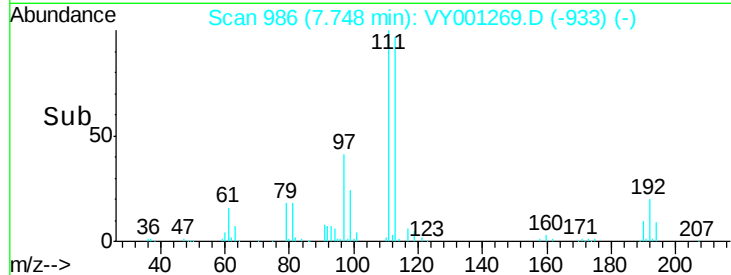
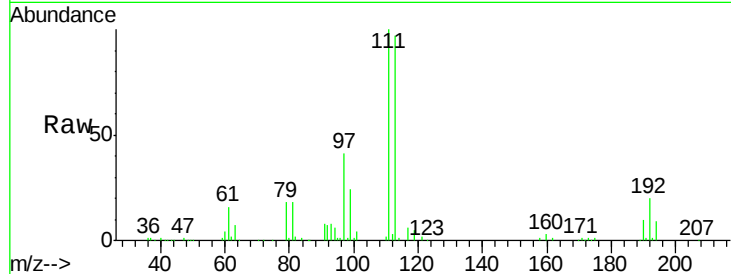
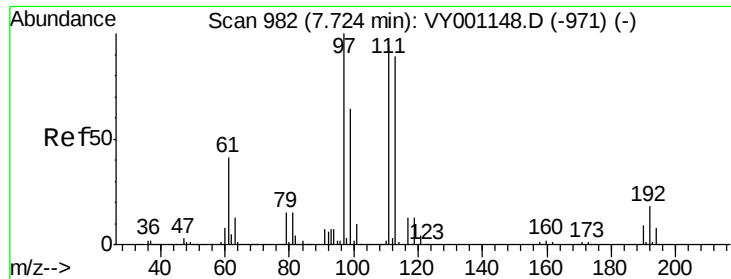
MMDadoda
 1/20/2020 11:06:52 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.02 min
 Lab File: VY001269.D
 Acq: 17 Jan 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.1	0.0	40.8	
88	15.4	0.0	32.4	





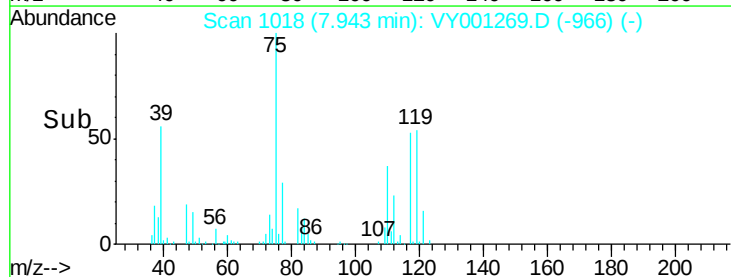
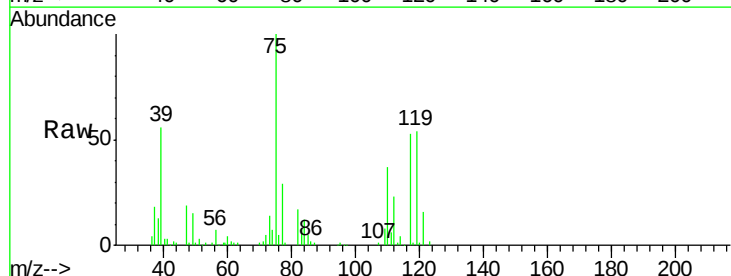
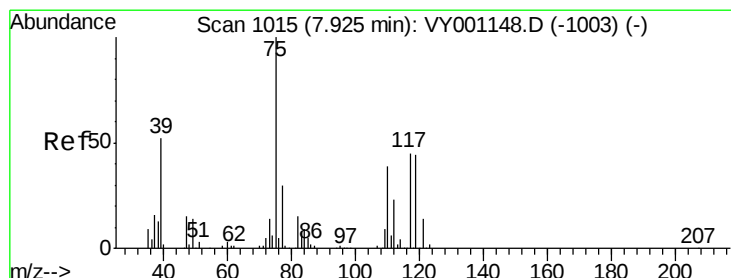
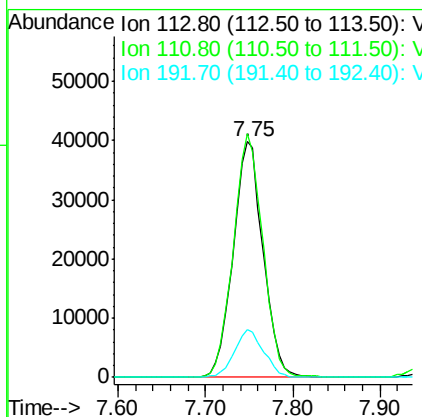
#35
Dibromofluoromethane
Concen: 47.476 ug/l
RT: 7.75 min Scan# 986
Delta R.T. 0.02 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Tot Ion	Ratio	Resp	Lower	Upper
113	100	94305		
111	102.5	82.9	124.3	
192	19.8	15.4	23.2	

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

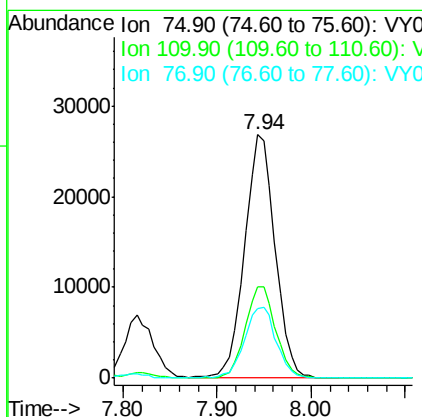
Manual Integrations
APPROVED

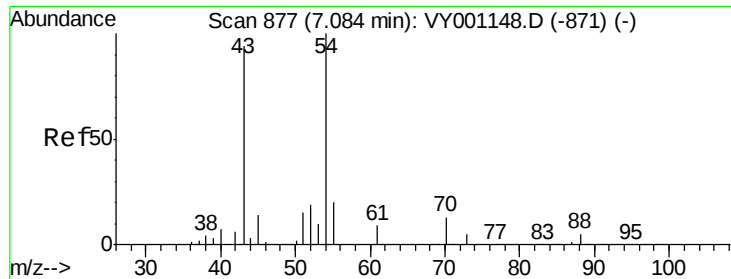
MMDadoda
1/20/2020 11:06:52 AM



#36
1,1-Dichloropropene
Concen: 19.711 ug/l
RT: 7.94 min Scan# 1018
Delta R.T. 0.02 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	60950		
110	37.4	18.3	54.8	
77	30.4	25.1	37.7	





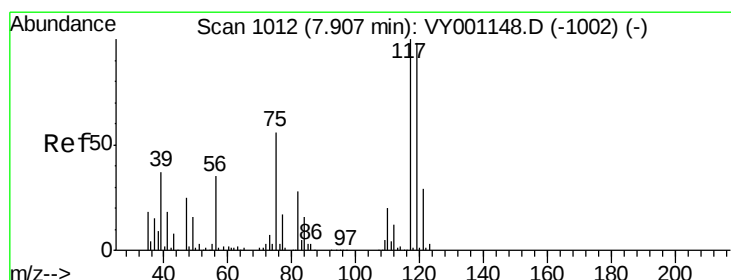
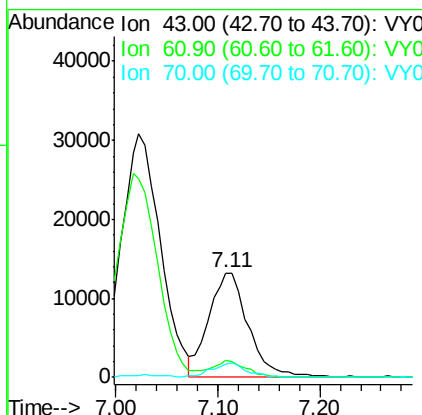
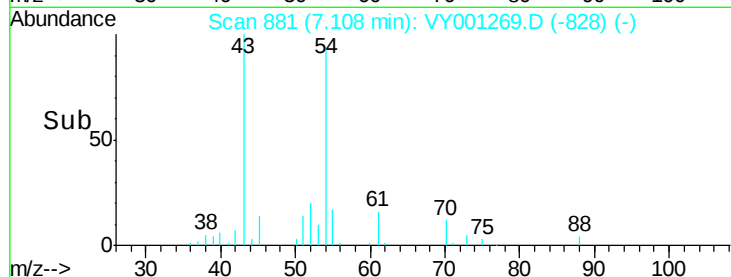
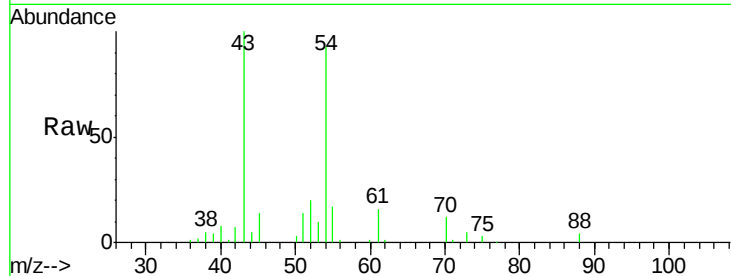
#37
Ethyl Acetate
Concen: 19.427 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.02 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.1	16.7
70	12.4	9.7	14.5

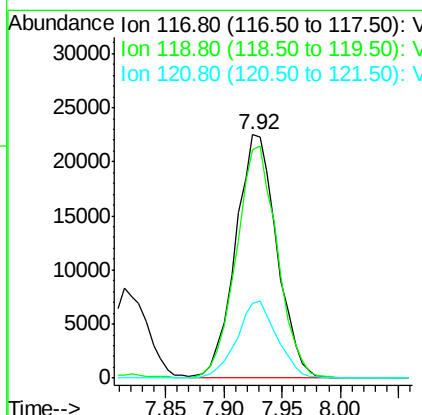
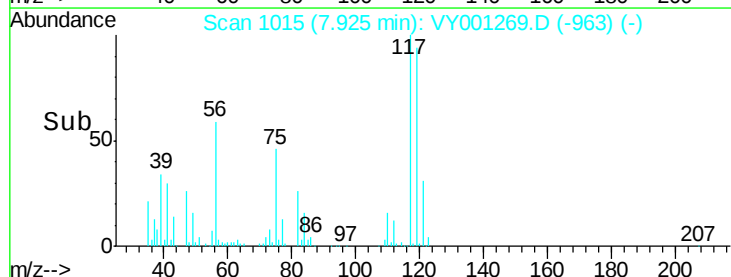
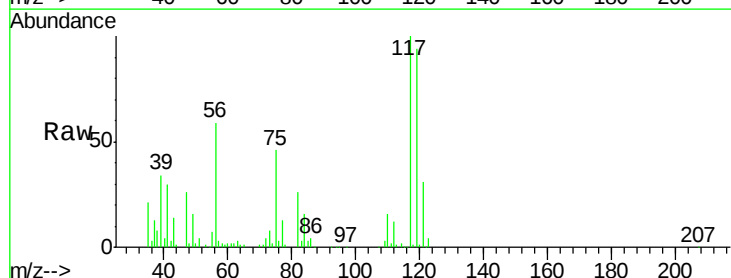
Manual Integrations
APPROVED

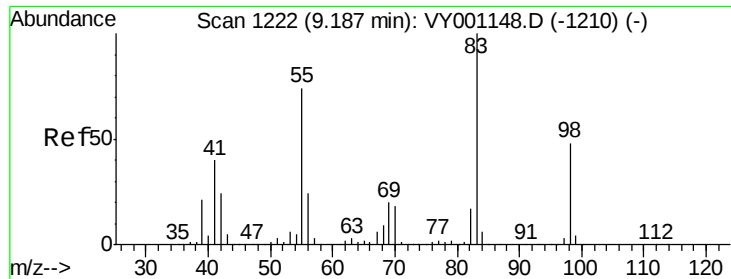
MMDadoda
1/20/2020 11:06:52 AM



#38
Carbon Tetrachloride
Concen: 19.583 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.02 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	78.3	117.5
121	30.9	23.5	35.3





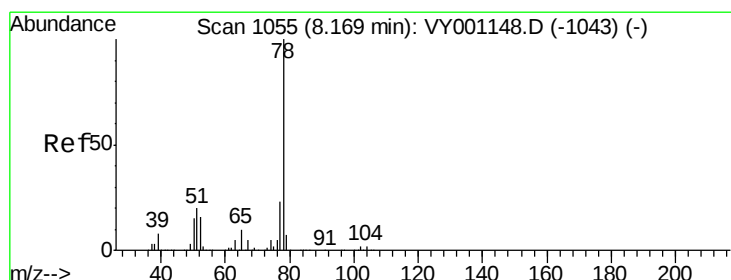
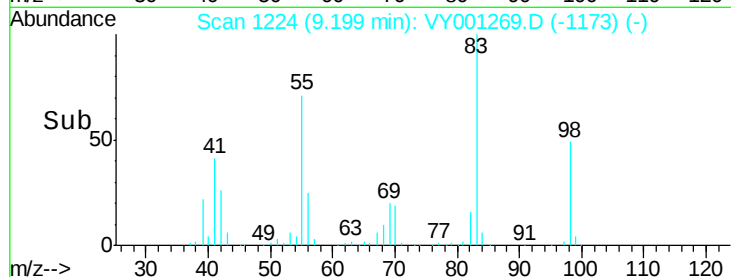
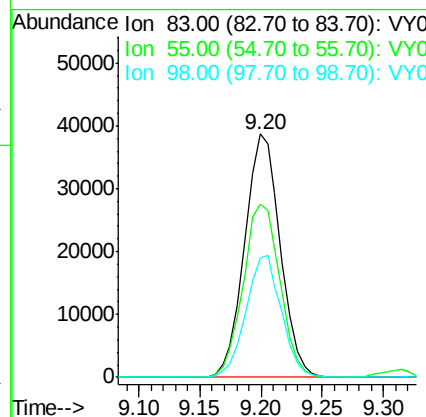
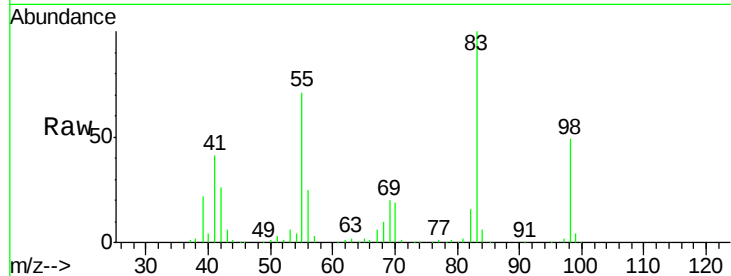
#39
Methvlcvclohexane
Concen: 18.648 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion	83.00	Resp	78177
Ion Ratio	100	Lower	Upper
83	100		
55	71.4	58.9	88.3
98	48.8	38.4	57.6

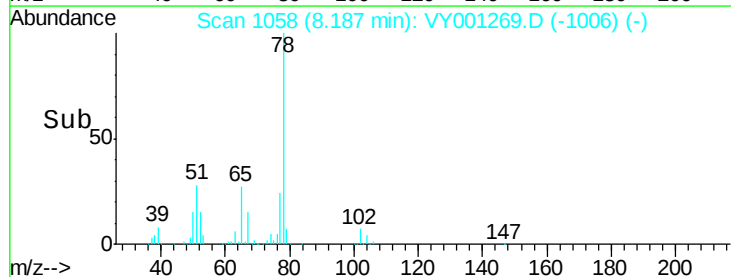
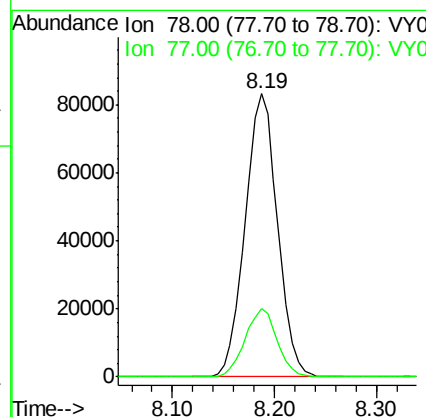
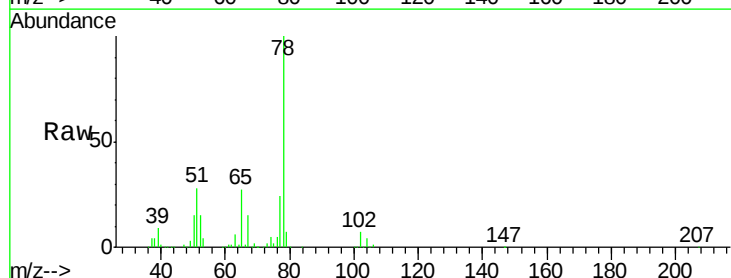
Manual Integrations
APPROVED

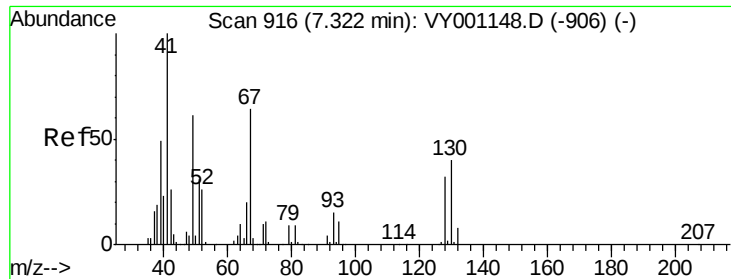
MMDadoda
1/20/2020 11:06:52 AM



#40
Benzene
Concen: 20.308 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.02 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Tgt Ion	78.00	Resp	183305
Ion Ratio	100	Lower	Upper
78	100		
77	24.0	18.8	28.2





#41

Methacrylonitrile

Concen: 20.766 ug/l m

RT: 7.35 min Scan# 921

Delta R.T. 0.03 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tot Ion: 41 Resp: 17702

Ion Ratio Lower Upper

41 100

39 0.0 103.5 155.3#

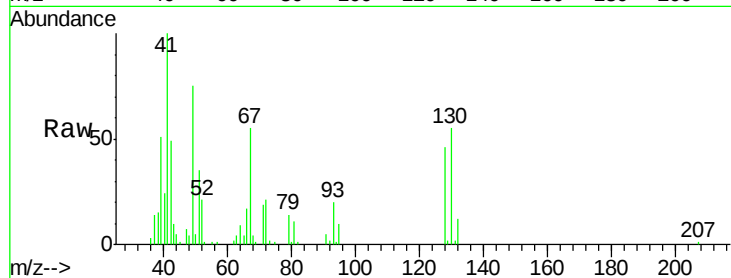
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
APPROVED

MMDadoda

1/20/2020 11:06:52 AM

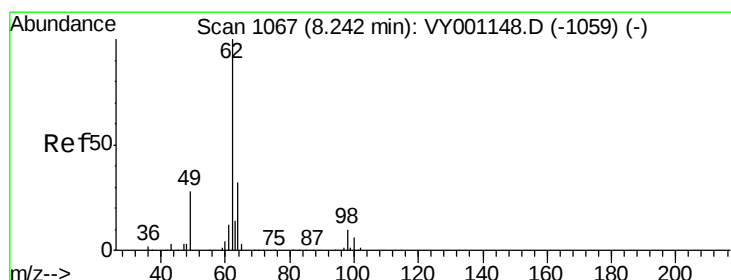
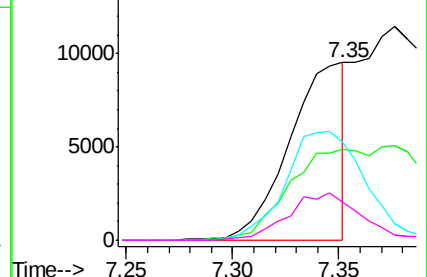
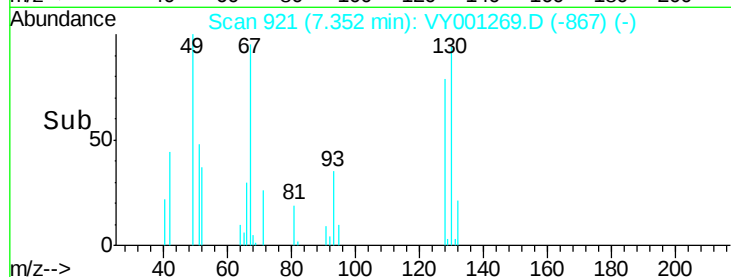


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 20.420 ug/l

RT: 8.27 min Scan# 1071

Delta R.T. 0.02 min

Lab File: VY001269.D

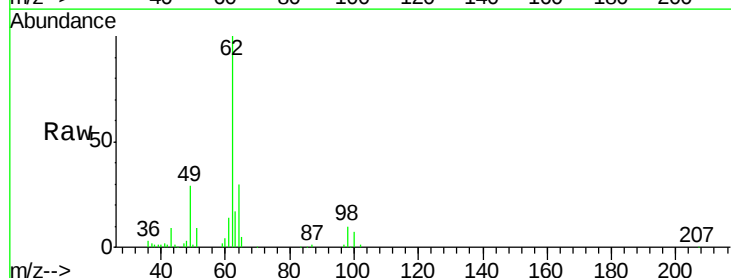
Acq: 17 Jan 2020 16:49

Tgt Ion: 62 Resp: 51611

Ion Ratio Lower Upper

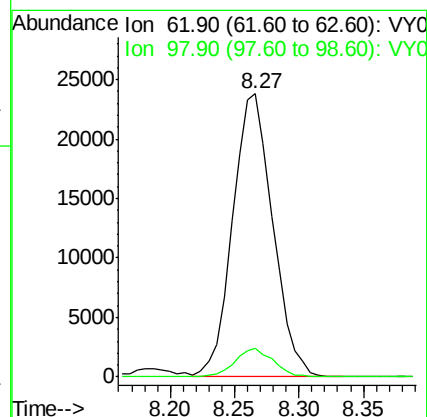
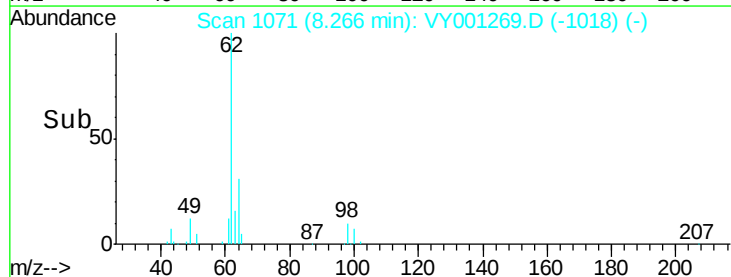
62 100

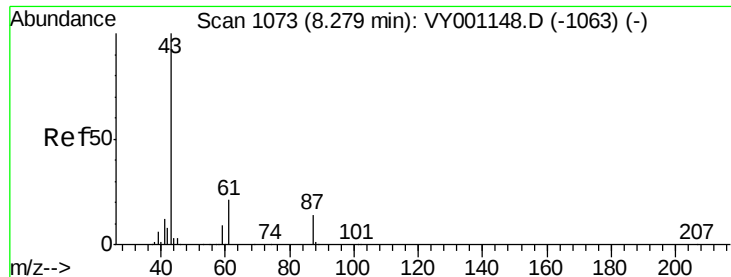
98 9.5 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 20.037 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.02 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Instrument :

MSVOA_Y

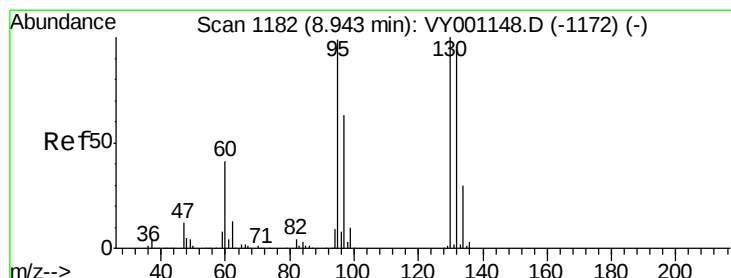
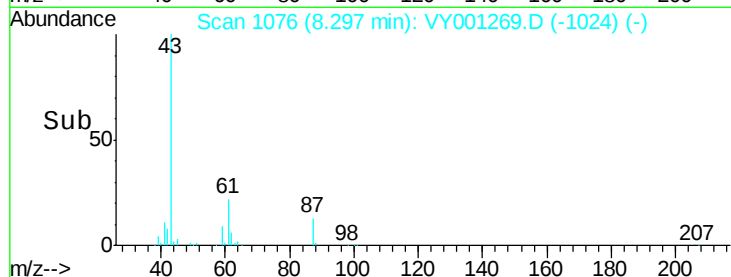
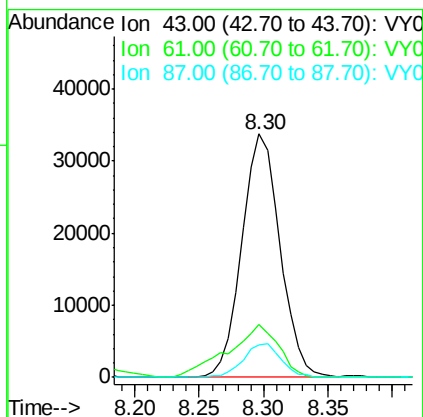
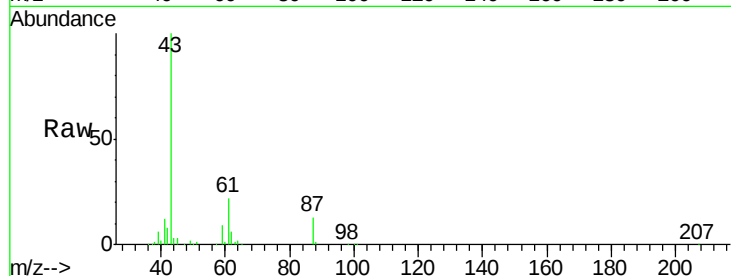
ClientSampleId :

VY0117SBS01

Tot Ion:	43	Resp:	69530
Ion	Ratio	Lower	Upper
43	100		
61	28.9	23.9	35.9
87	13.7	11.4	17.2

Manual Integrations
APPROVED

MMDadoda
1/20/2020 11:06:52 AM



#44

Trichloroethene

Concen: 20.303 ug/l

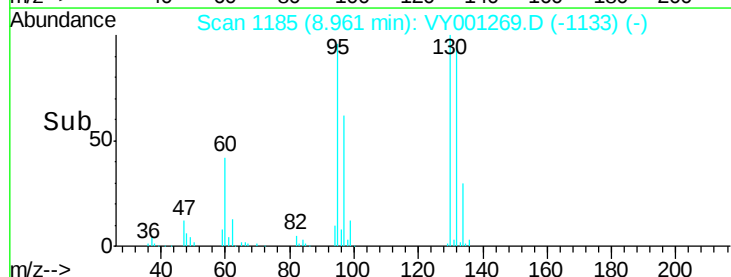
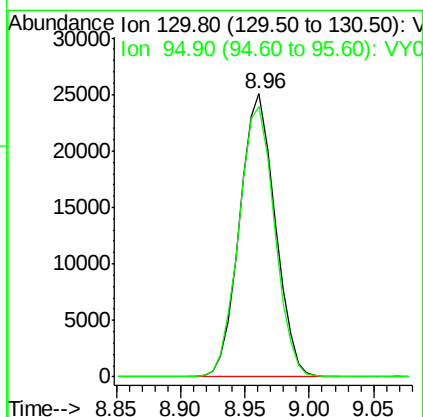
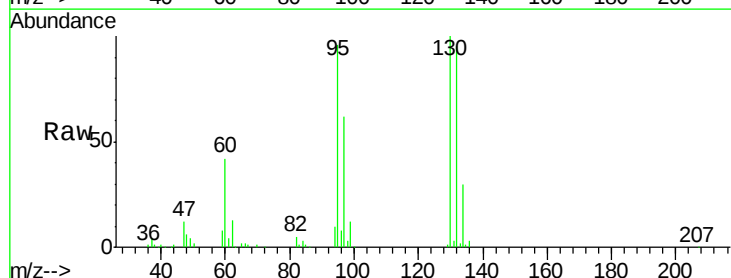
RT: 8.96 min Scan# 1185

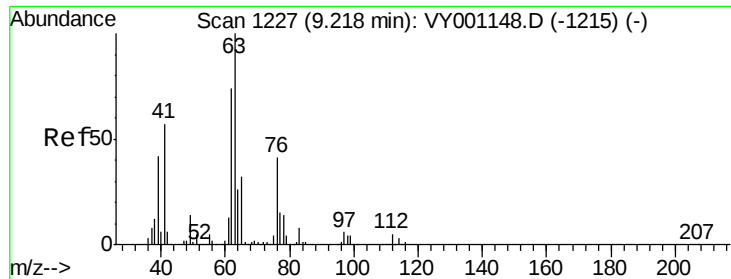
Delta R.T. 0.02 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Tgt Ion:	130	Resp:	47752
Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	197.6





#45

1,2-Dichloropropane

Concen: 21.014 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. 0.02 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tot Ion: 63 Resp: 46891

Ion Ratio Lower Upper

63 100

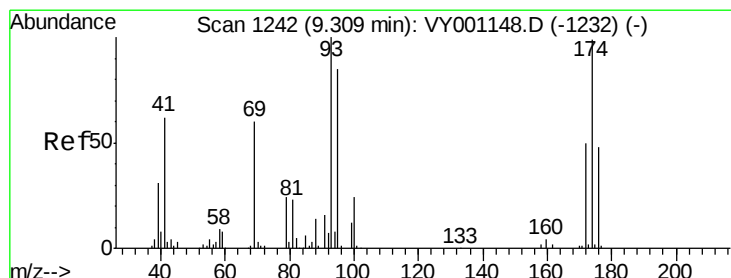
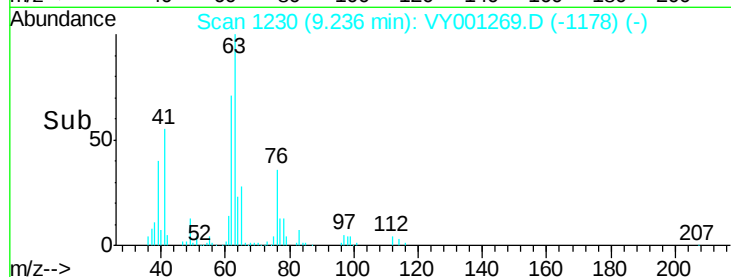
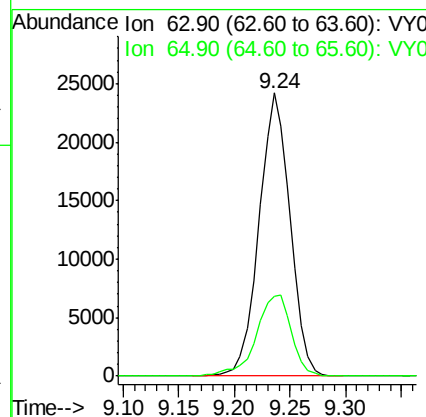
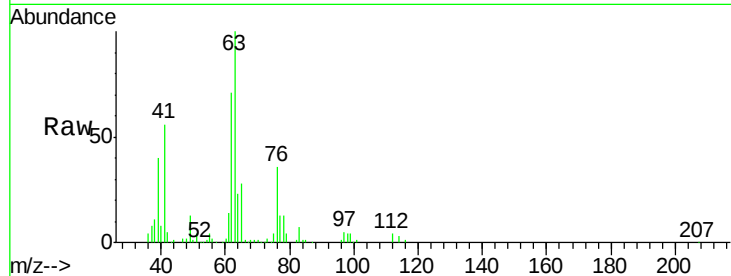
65 28.4 25.8 38.8

Manual Integrations

APPROVED

MMDadoda

1/20/2020 11:06:52 AM



#46

Dibromomethane

Concen: 20.363 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

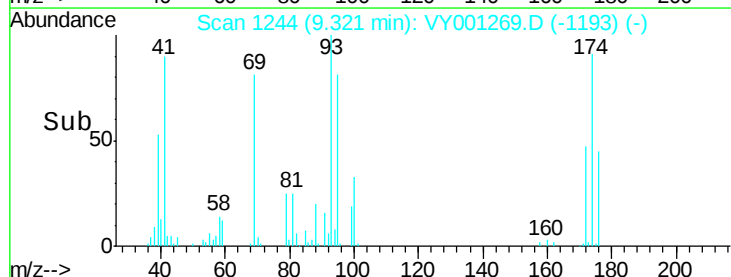
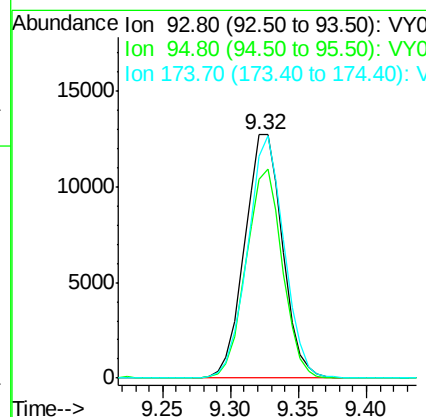
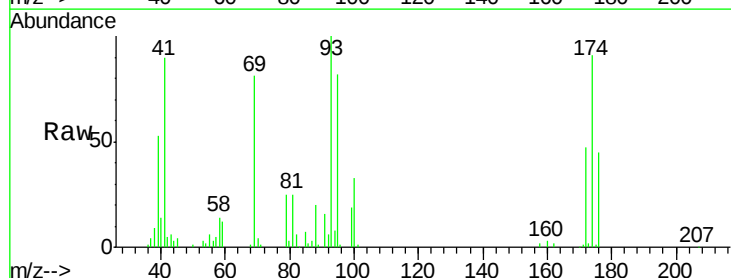
Tgt Ion: 93 Resp: 24792

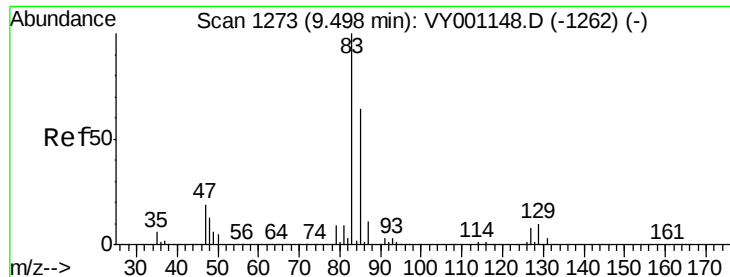
Ion Ratio Lower Upper

93 100

95 82.5 66.8 100.2

174 96.0 78.4 117.6





#47

Bromodichloromethane

Concen: 20.402 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.02 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Instrument :

MSVOA_Y

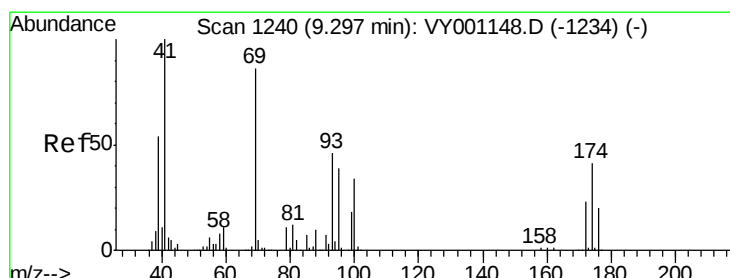
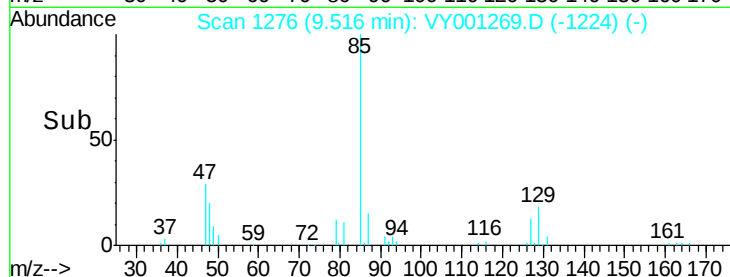
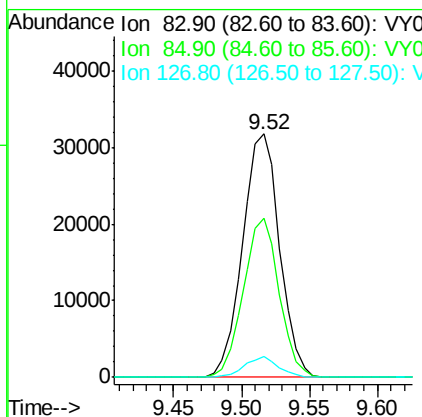
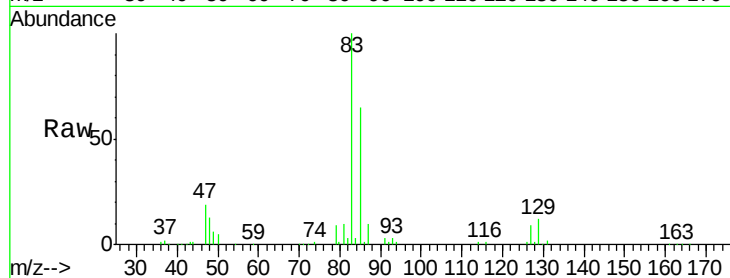
ClientSampleId :

VY0117SBS01

Tot Ion:	83	Resp:	60537
Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.5	77.3
127	8.5	6.3	9.5

Manual Integrations
APPROVED

MMDadoda
1/20/2020 11:06:52 AM



#48

Methyl methacrylate

Concen: 19.670 ug/l

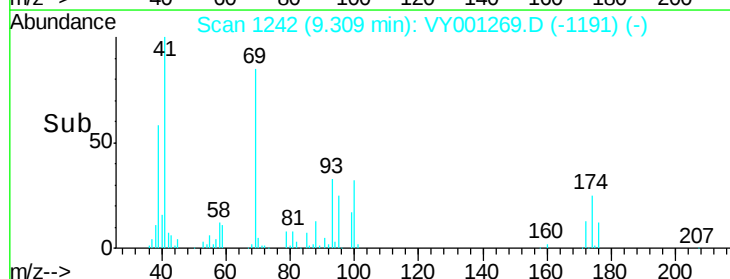
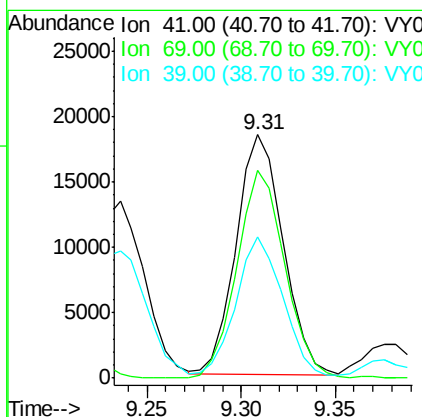
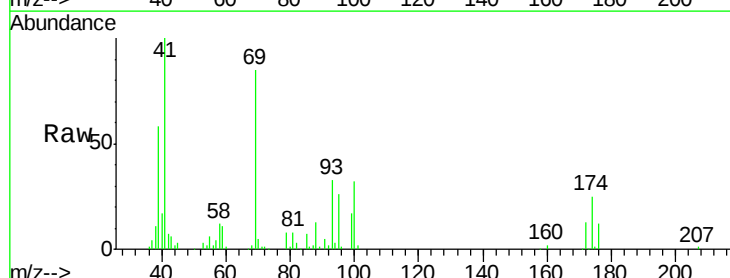
RT: 9.31 min Scan# 1242

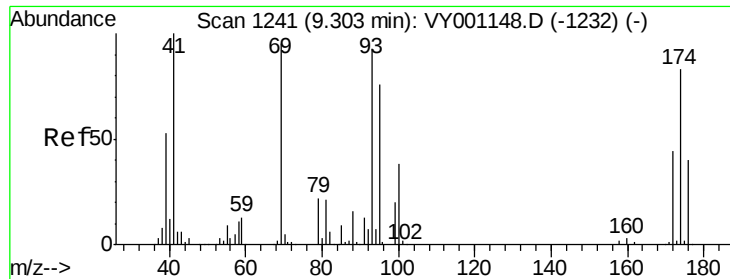
Delta R.T. 0.01 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Tgt Ion:	41	Resp:	31586
Ion	Ratio	Lower	Upper
41	100		
69	89.2	69.8	104.8
39	59.5	45.2	67.8





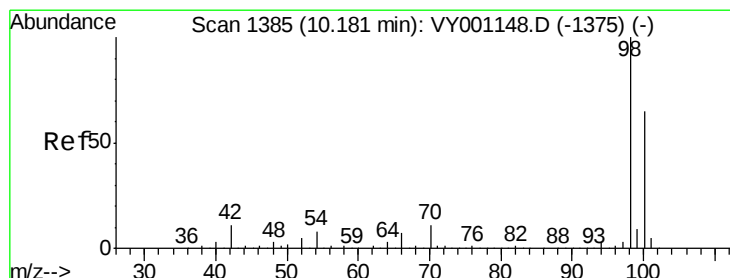
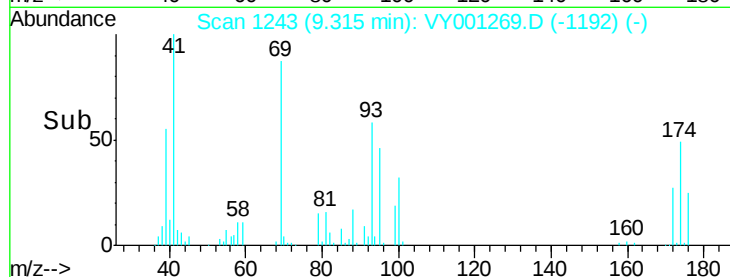
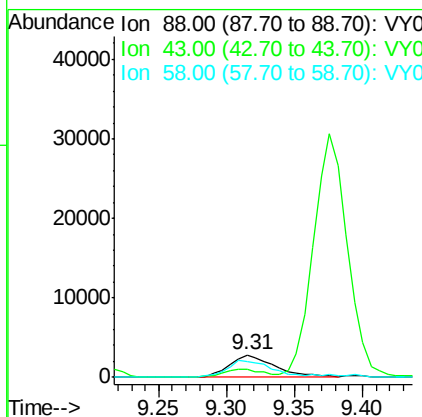
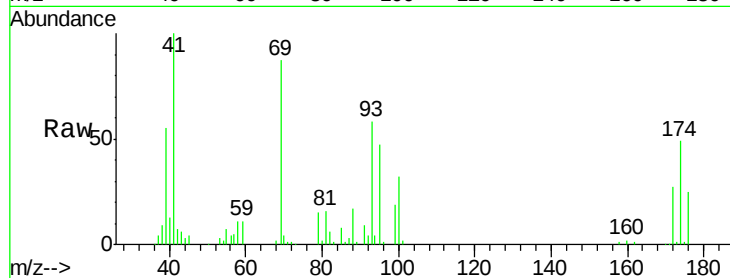
#49
1,4-Dioxane
Concen: 448.091 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.0	22.4	33.6#
58	74.5	58.0	87.0

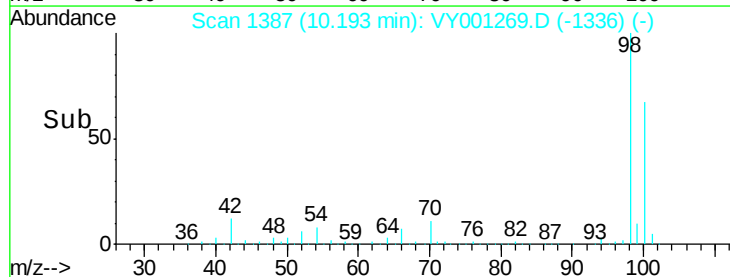
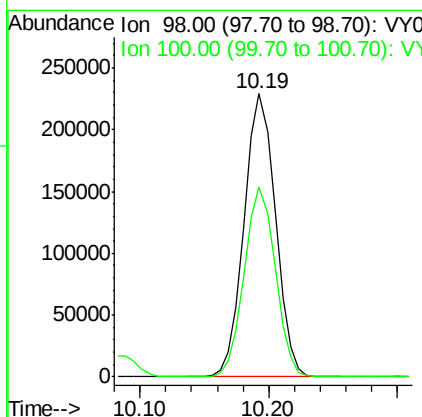
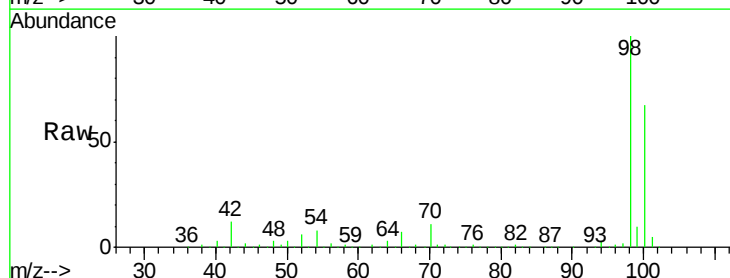
Manual Integrations
APPROVED

MMDadoda
1/20/2020 11:06:52 AM



#50
Toluene-d8
Concen: 50.397 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.1	79.7





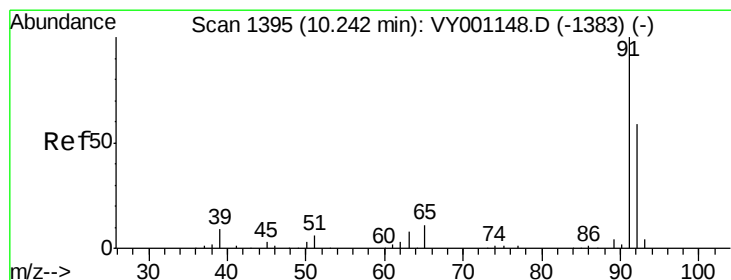
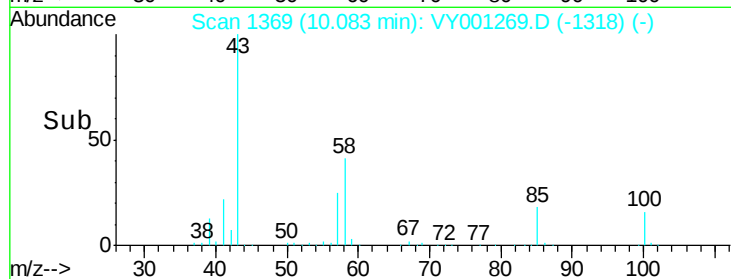
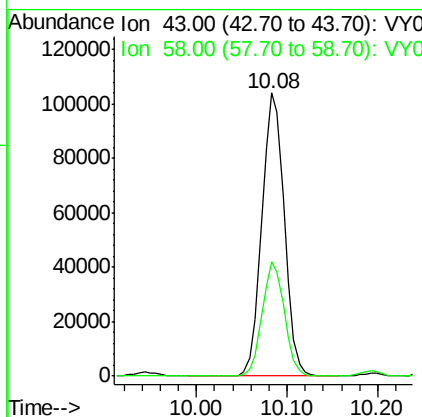
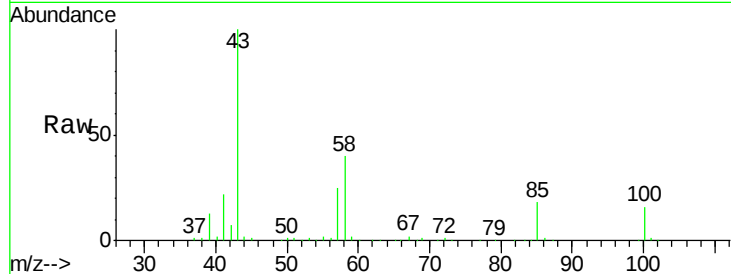
#51
4-Methyl-2-Pentanone
Concen: 101.201 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.4	32.3	48.5

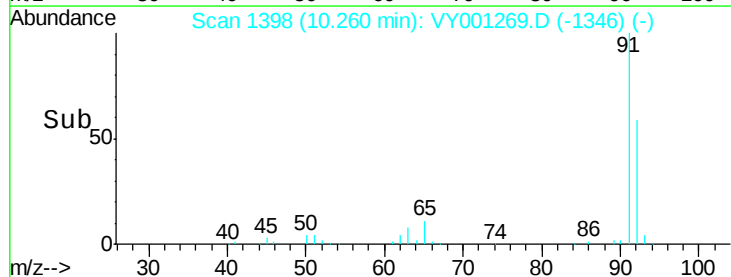
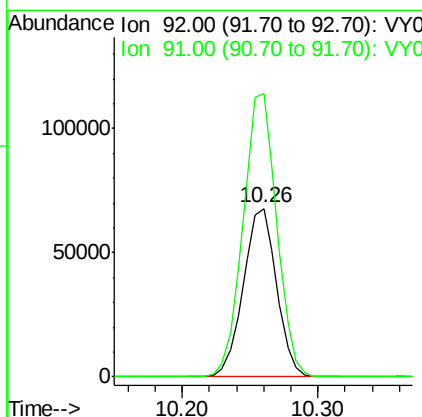
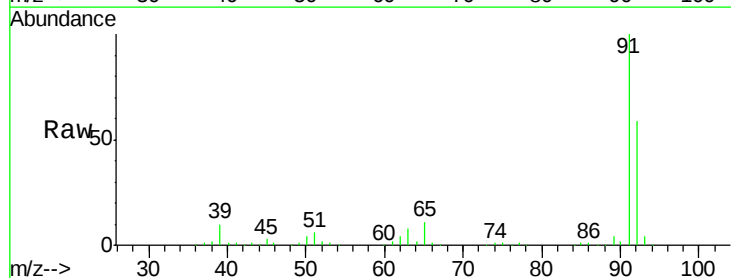
Manual Integrations
APPROVED

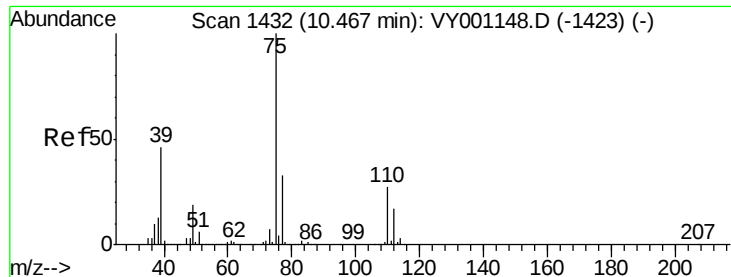
MMDadoda
1/20/2020 11:06:52 AM



#52
Toluene
Concen: 20.130 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.02 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.4	136.6	204.8





#53

t-1,3-Dichloropropene

Concen: 19.807 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tot Ion: 75 Resp: 65767

Ion Ratio Lower Upper

75 100

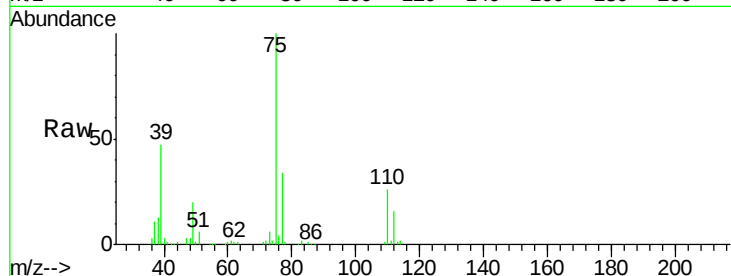
77 33.6 26.2 39.2

Manual Integrations

APPROVED

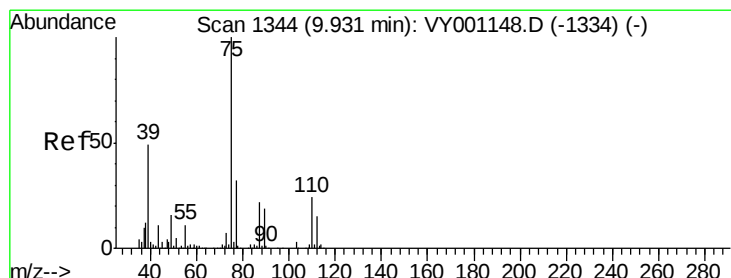
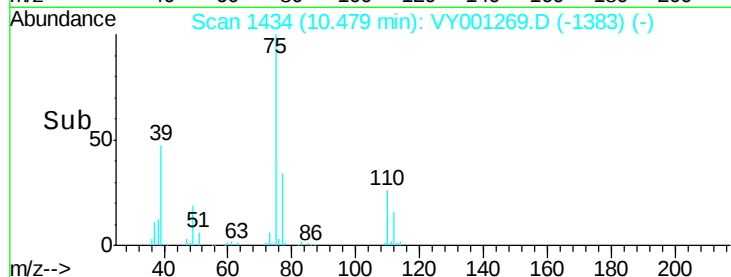
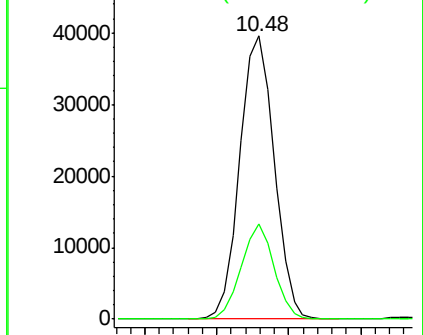
MMDadoda

1/20/2020 11:06:52 AM



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.326 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

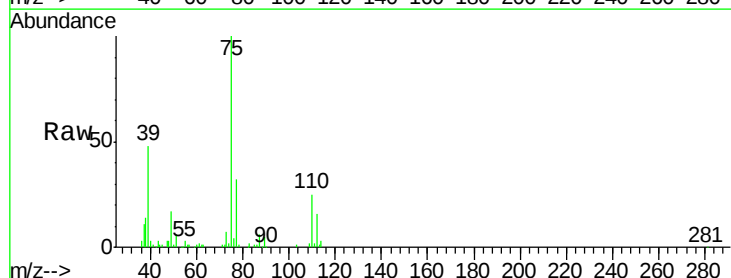
Tgt Ion: 75 Resp: 76090

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

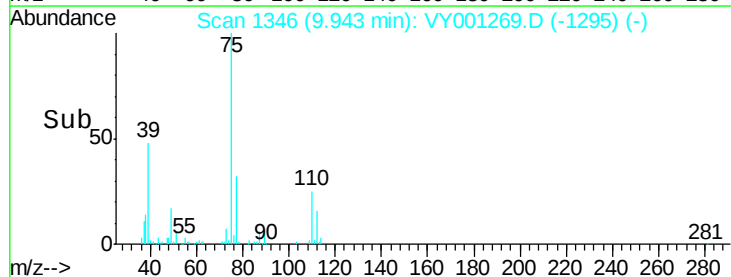
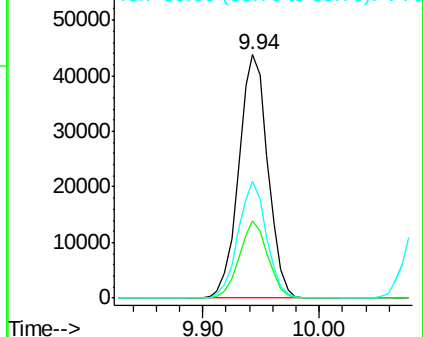
39 48.0 39.1 58.7

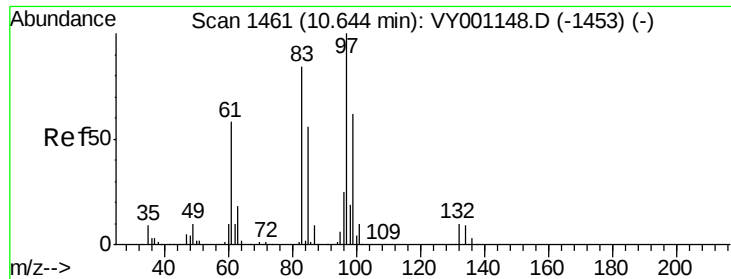


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 20.411 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.01 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tot Ion: 97 Resp: 36842

Ion Ratio Lower Upper

97 100

83 87.5 67.2 100.8

85 54.4 44.9 67.3

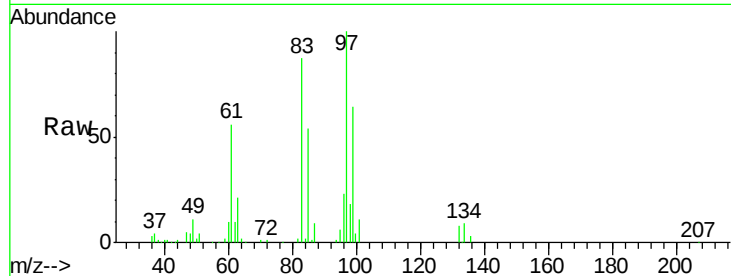
99 63.8 49.9 74.9

Manual Integrations

APPROVED

MMDadoda

1/20/2020 11:06:52 AM

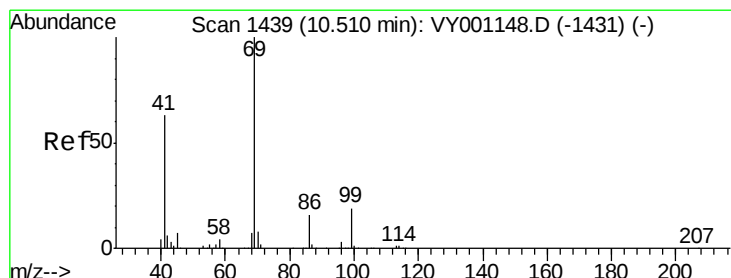
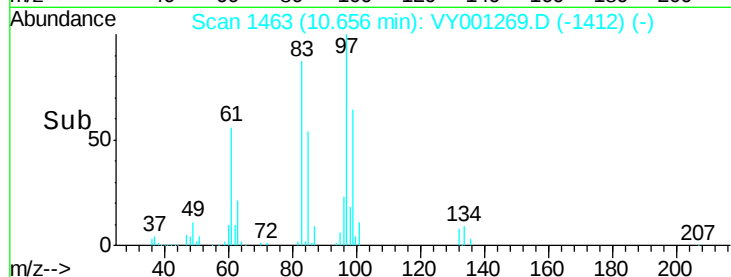
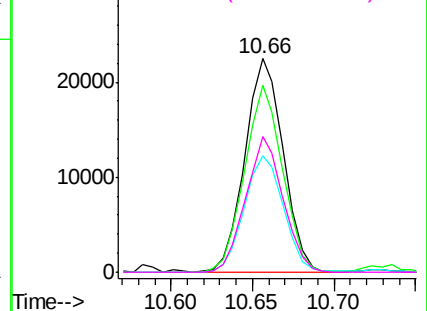


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 19.380 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.01 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

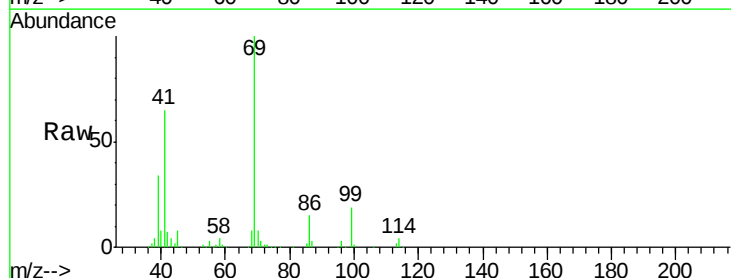
Tgt Ion: 69 Resp: 53509

Ion Ratio Lower Upper

69 100

41 65.9 51.4 77.2

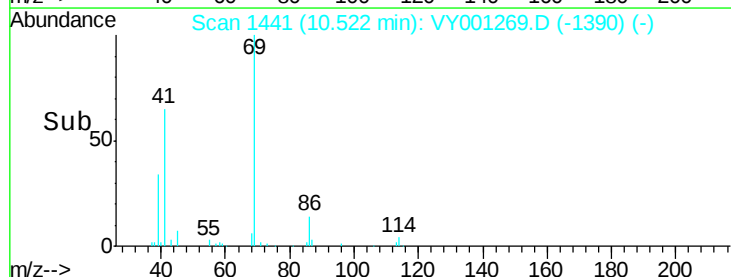
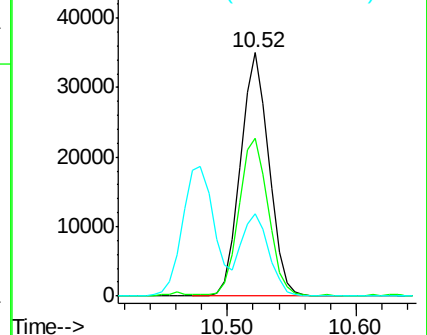
39 32.4 26.3 39.5



Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





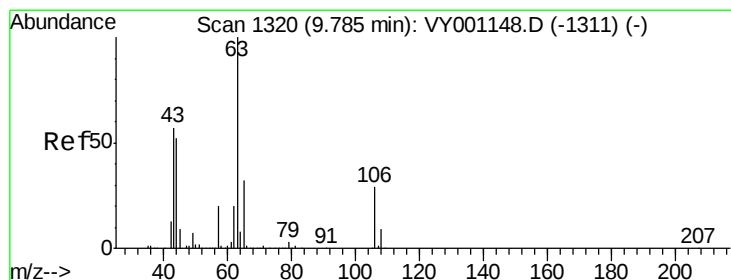
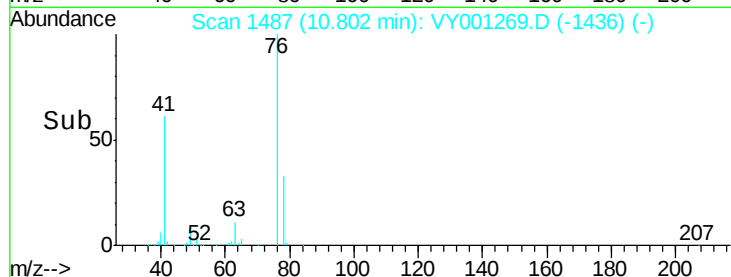
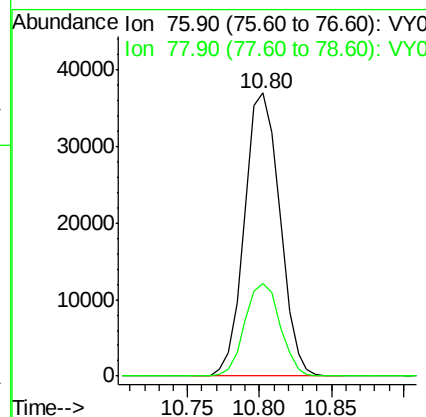
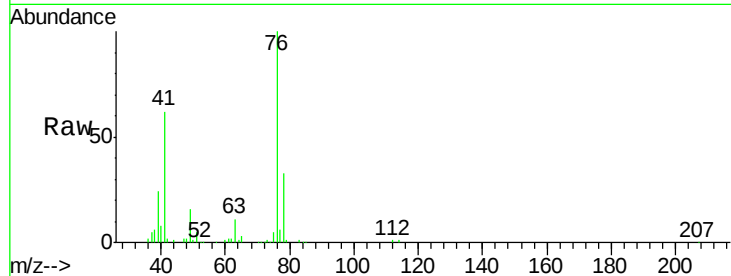
#57
 1,3-Dichloropropane
 Concen: 20.321 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY001269.D
 Acq: 17 Jan 2020 16:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.1	39.1

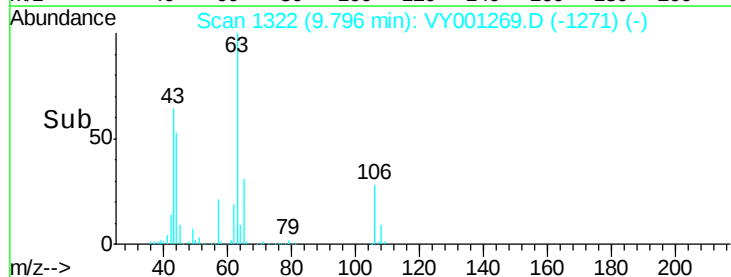
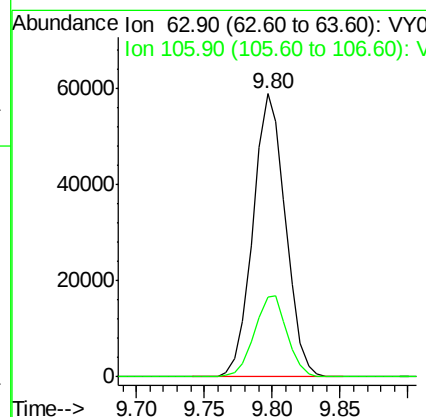
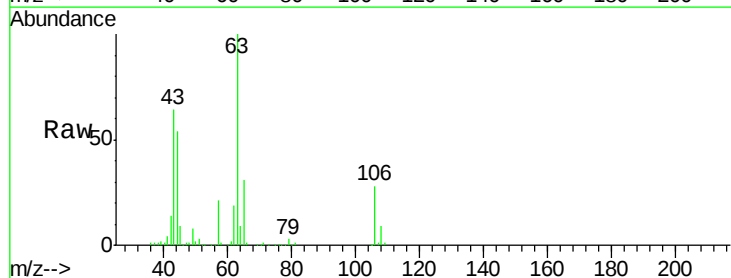
Manual Integrations
 APPROVED

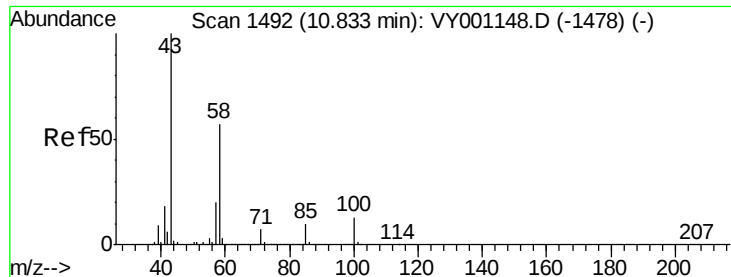
MMDadoda
 1/20/2020 11:06:52 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.504 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VY001269.D
 Acq: 17 Jan 2020 16:49

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.8	23.0	34.6





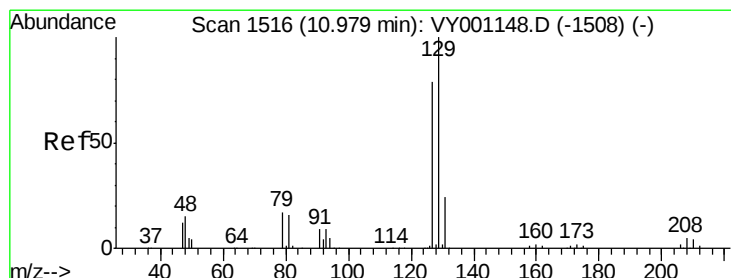
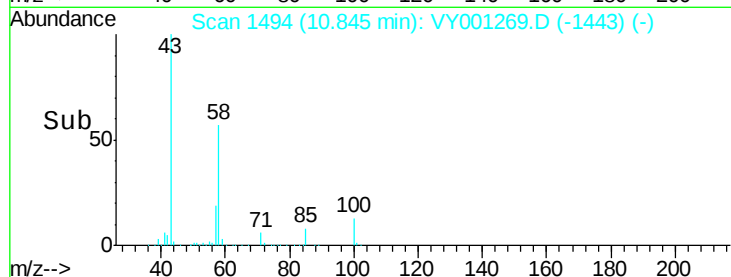
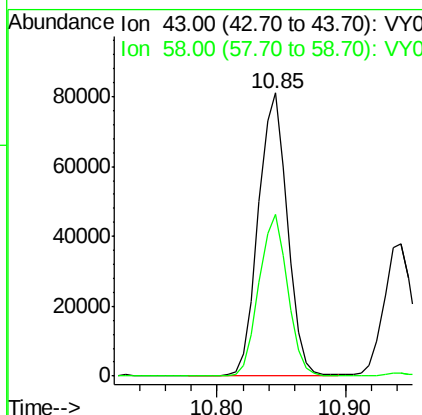
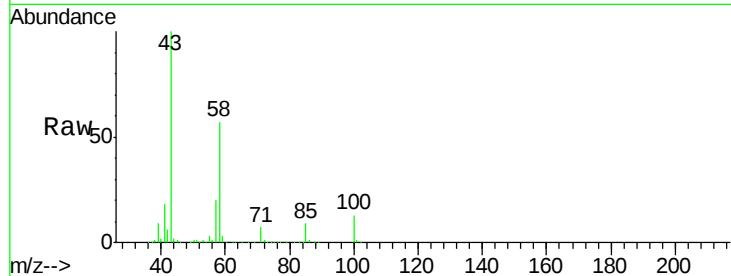
#59
2-Hexanone
Concen: 102.126 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion: 43 Resp: 126024
Ion Ratio Lower Upper
43 100
58 56.5 28.4 85.2

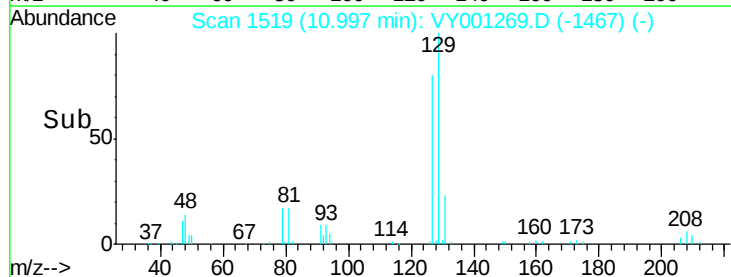
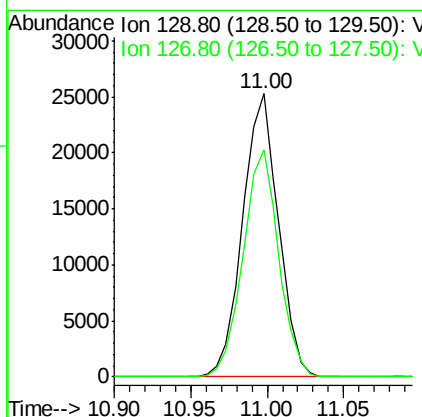
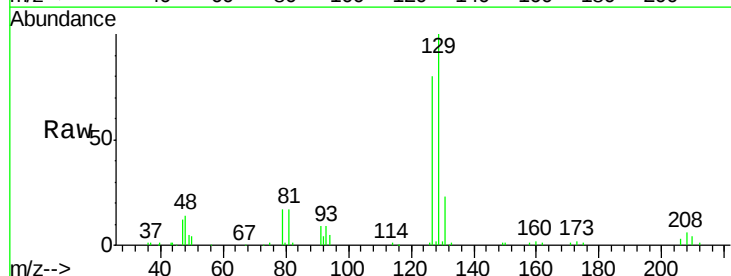
Manual Integrations
APPROVED

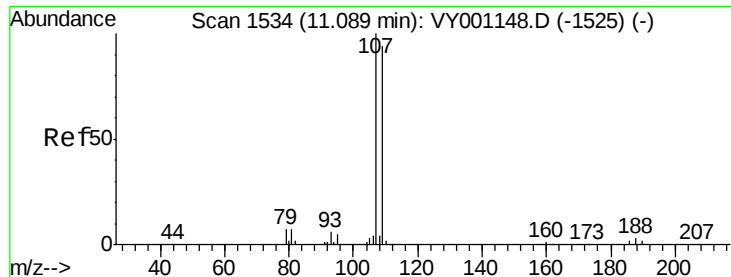
MMDadoda
1/20/2020 11:06:52 AM



#60
Dibromochloromethane
Concen: 19.739 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.02 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Tgt Ion: 129 Resp: 41021
Ion Ratio Lower Upper
129 100
127 79.9 38.9 116.7





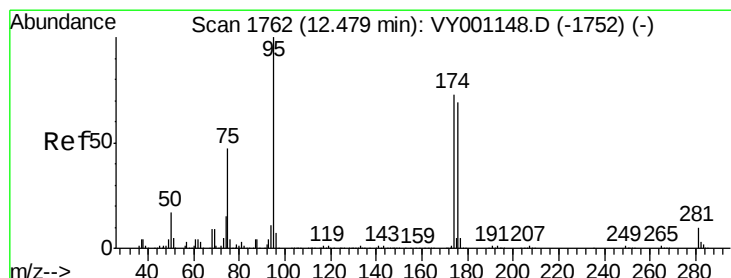
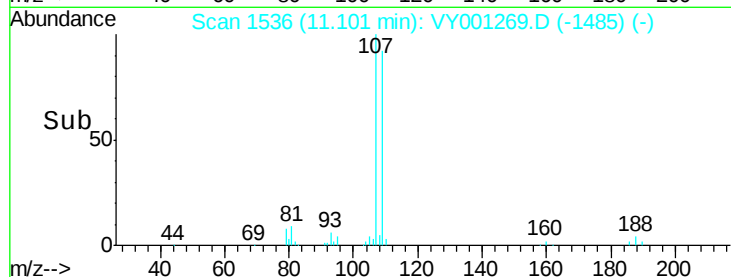
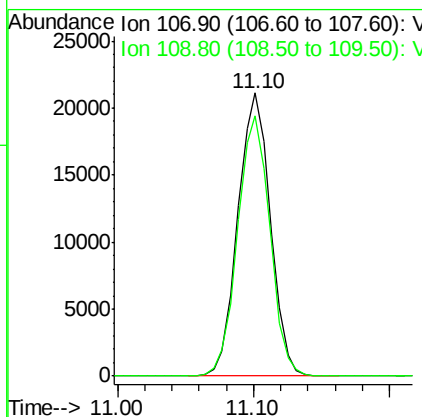
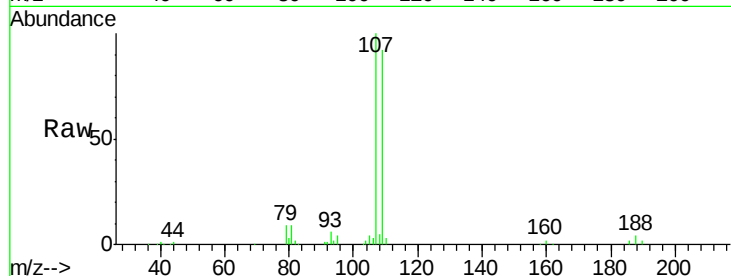
#61
 1,2-Dibromoethane
 Concen: 19.949 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001269.D
 Acq: 17 Jan 2020 16:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.5	75.4	113.0

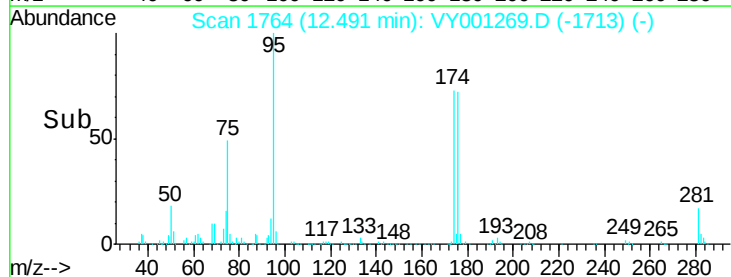
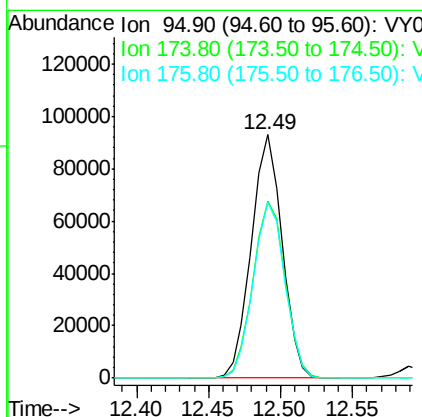
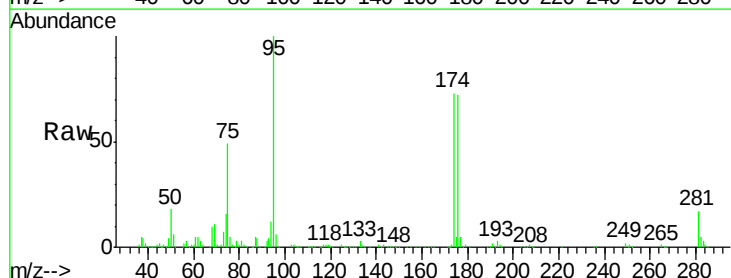
Manual Integrations
 APPROVED

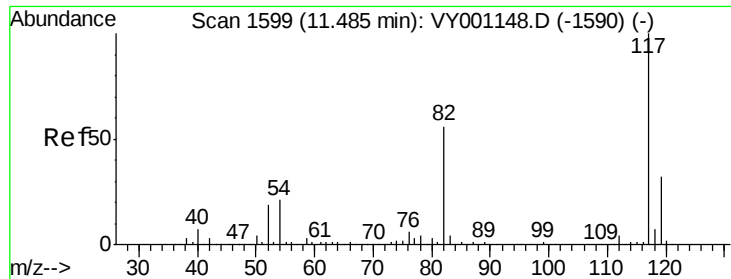
MMDadoda
 1/20/2020 11:06:52 AM



#62
 4-Bromofluorobenzene
 Concen: 44.046 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001269.D
 Acq: 17 Jan 2020 16:49

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	143.2
176	74.1	0.0	136.0





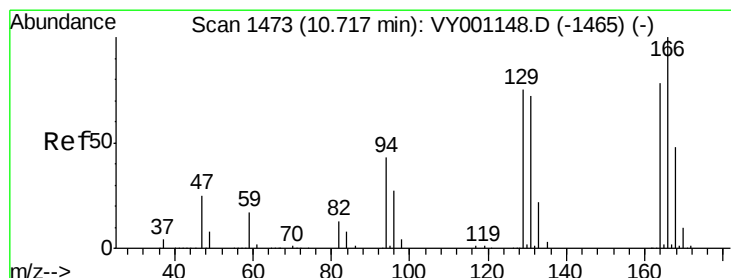
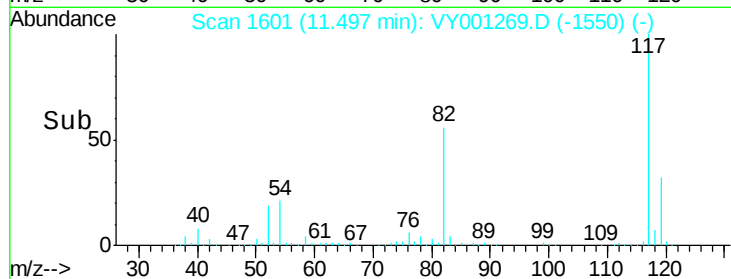
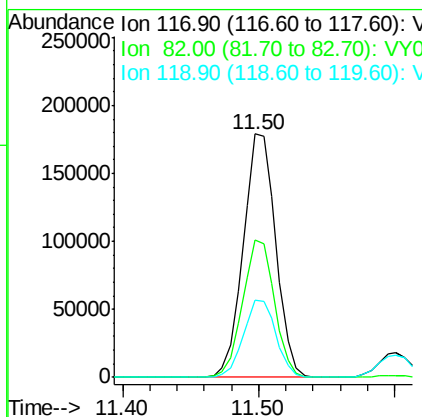
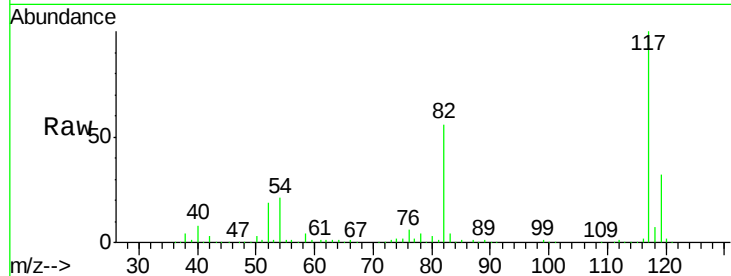
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.9	67.3
119	31.7	25.7	38.5

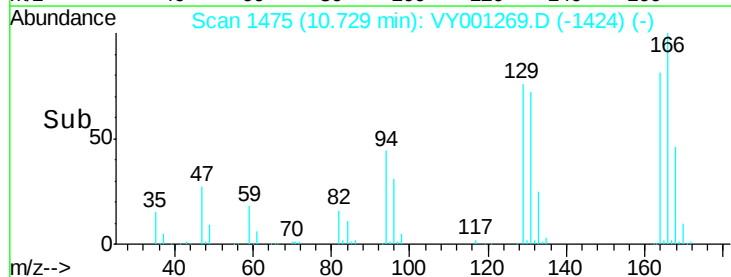
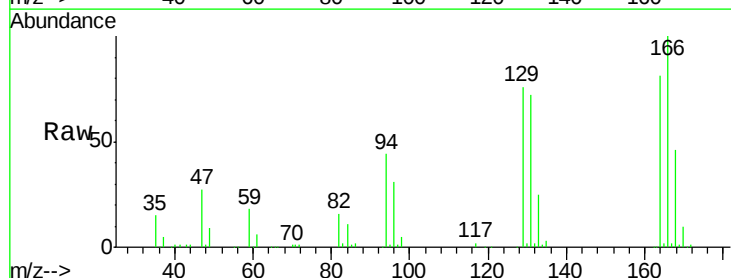
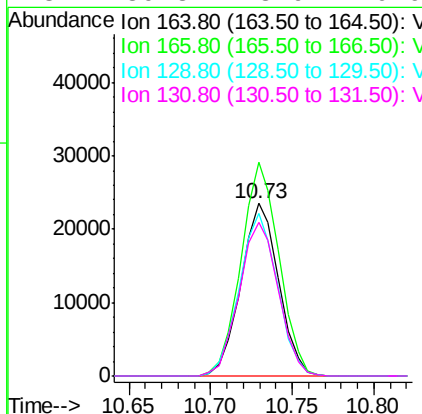
Manual Integrations
APPROVED

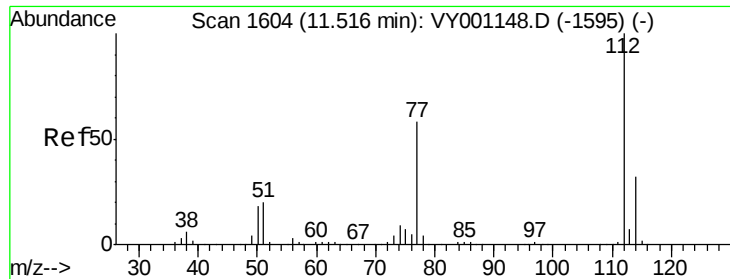
MMDadoda
1/20/2020 11:06:52 AM



#64
Tetrachloroethene
Concen: 19.708 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.7	102.3	153.5
129	94.0	76.2	114.4
131	89.3	73.9	110.9





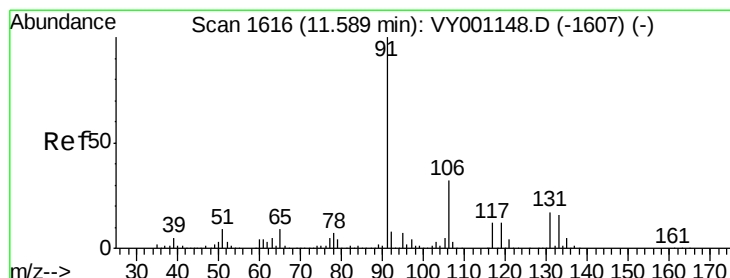
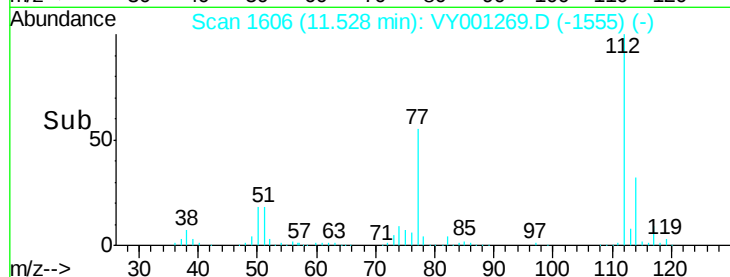
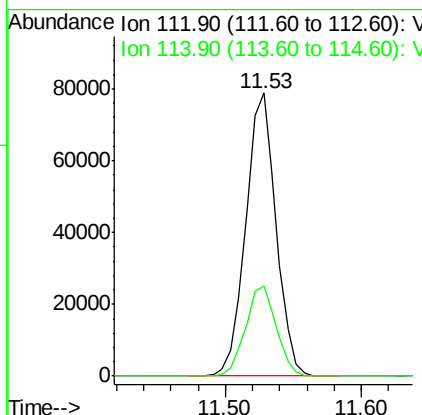
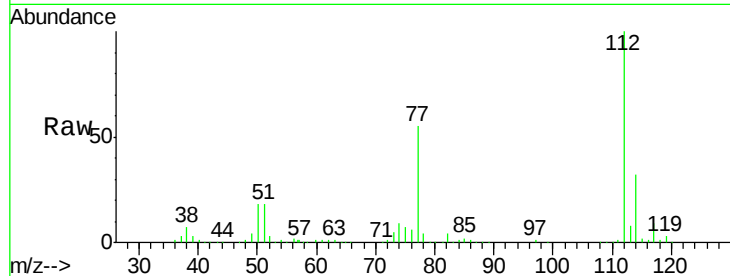
#65
Chlorobenzene
Concen: 20.536 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion:112 Resp: 122488
Ion Ratio Lower Upper
112 100
114 31.9 25.9 38.9

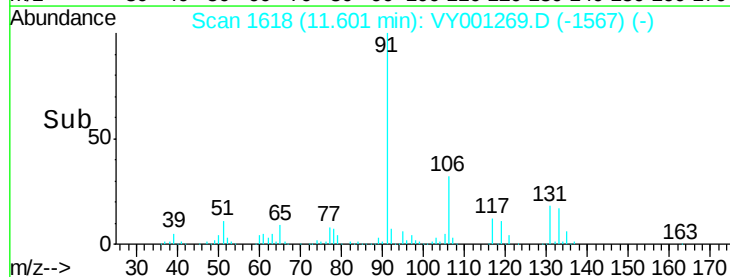
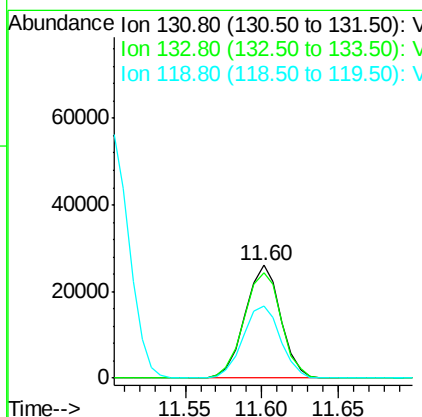
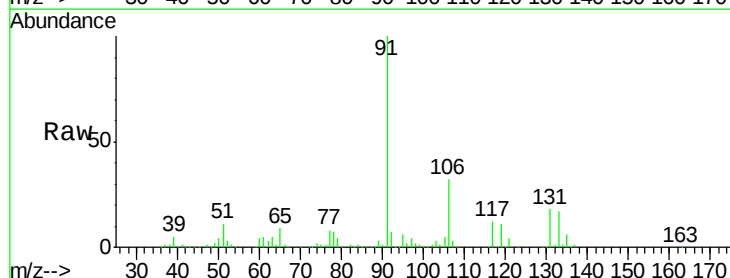
Manual Integrations
APPROVED

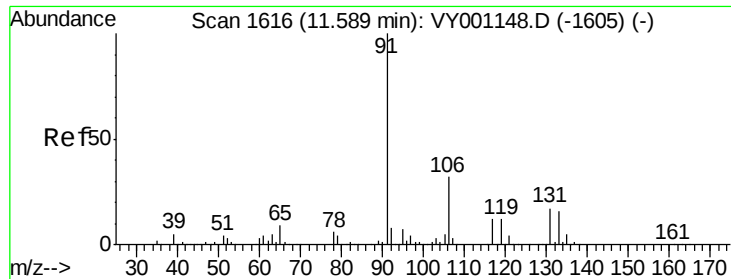
MMDadoda
1/20/2020 11:06:52 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.520 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Tgt Ion:131 Resp: 42184
Ion Ratio Lower Upper
131 100
133 97.8 47.3 142.0
119 67.4 33.6 100.8





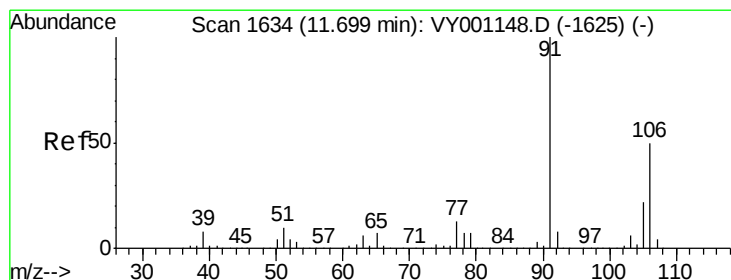
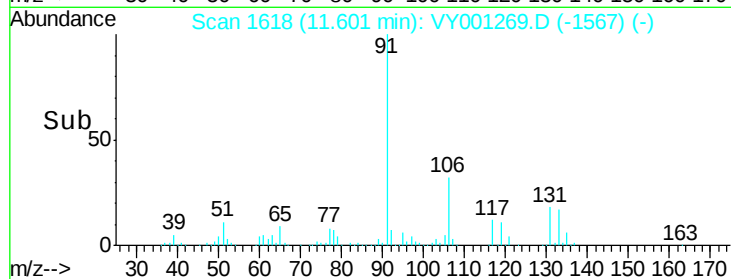
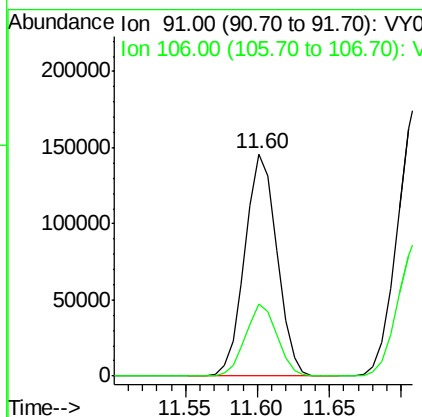
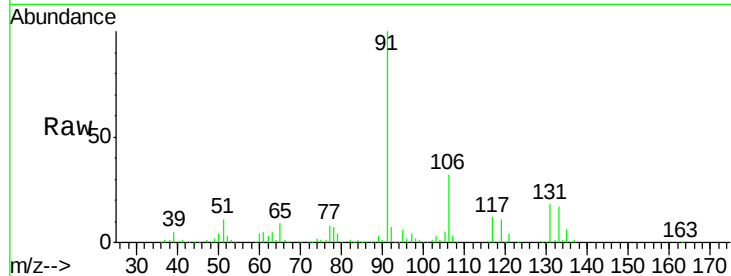
#67
Ethyl Benzene
Concen: 20.641 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion: 91 Resp: 225221
Ion Ratio Lower Upper
91 100
106 32.5 25.3 37.9

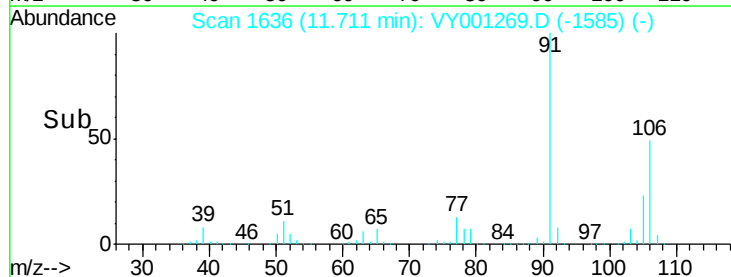
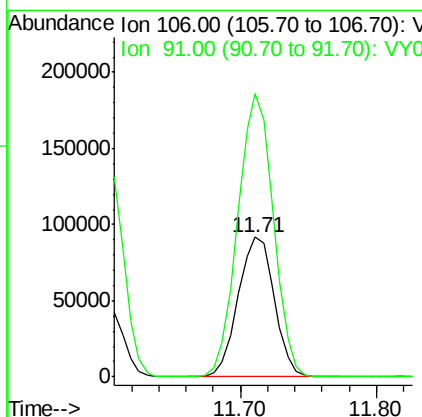
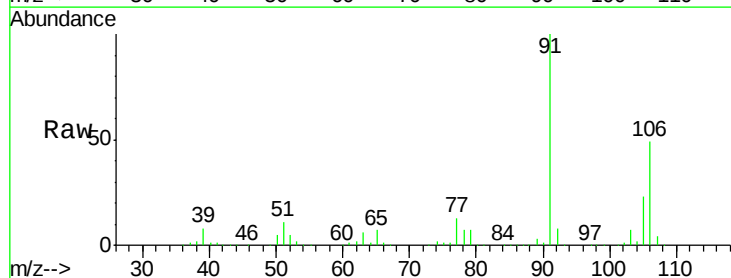
Manual Integrations
APPROVED

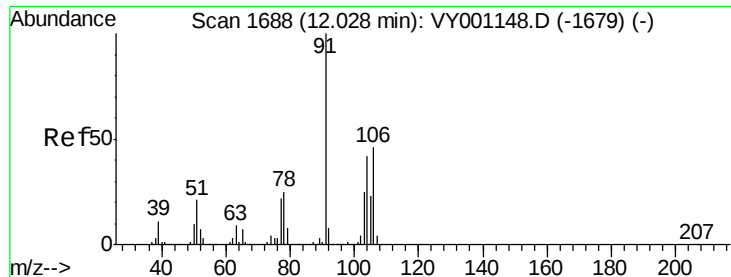
MMDadoda
1/20/2020 11:06:52 AM



#68
m/p-Xylenes
Concen: 41.303 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Tgt Ion: 106 Resp: 170002
Ion Ratio Lower Upper
106 100
91 199.7 161.4 242.2





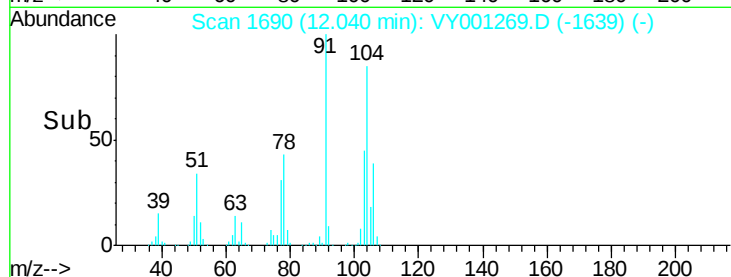
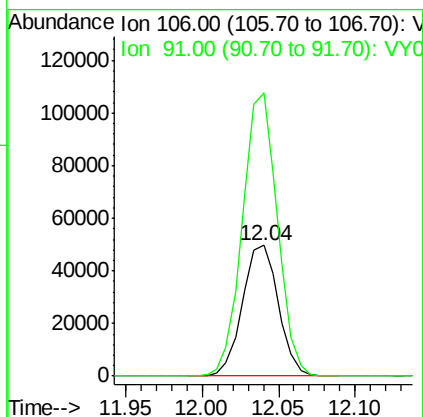
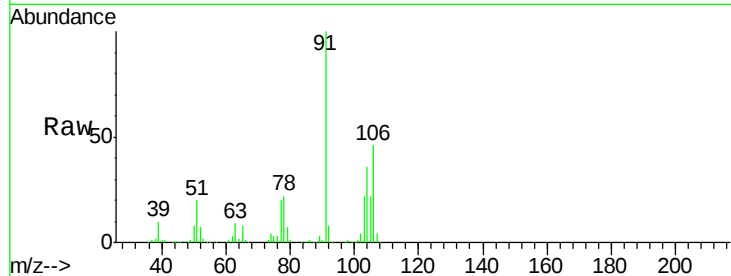
#69
o-Xylene
Concen: 20.571 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion:106 Resp: 81180
Ion Ratio Lower Upper
106 100
91 209.8 106.3 318.8

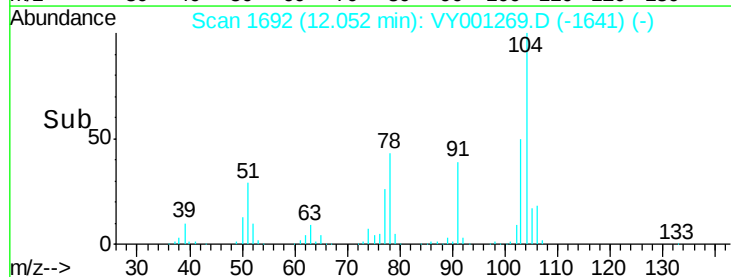
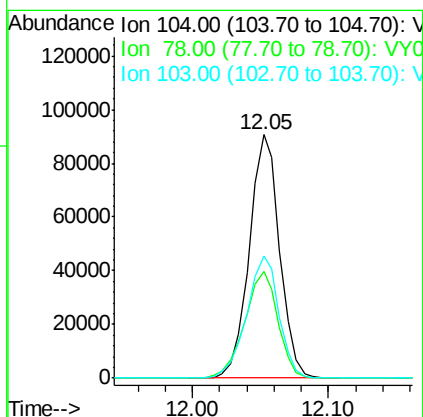
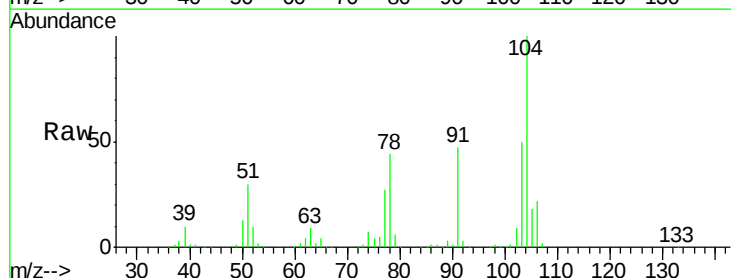
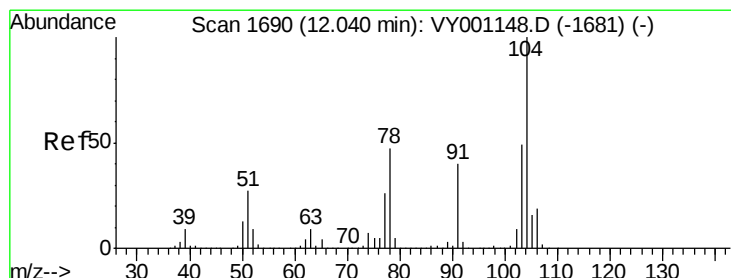
Manual Integrations
APPROVED

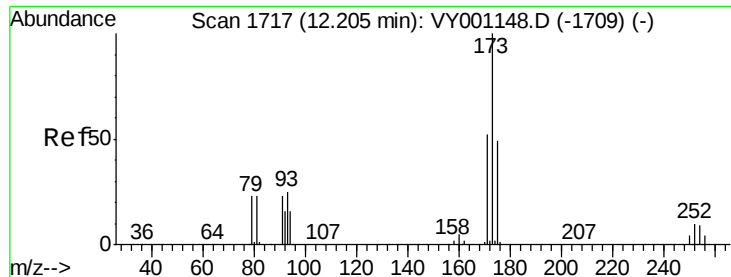
MMDadoda
1/20/2020 11:06:52 AM



#70
Styrene
Concen: 20.316 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Tgt Ion:104 Resp: 140672
Ion Ratio Lower Upper
104 100
78 48.1 40.5 60.7
103 53.9 42.4 63.6





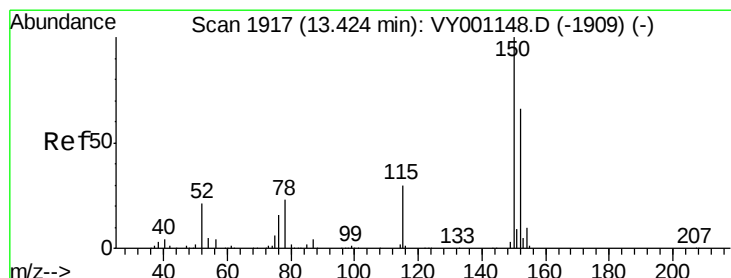
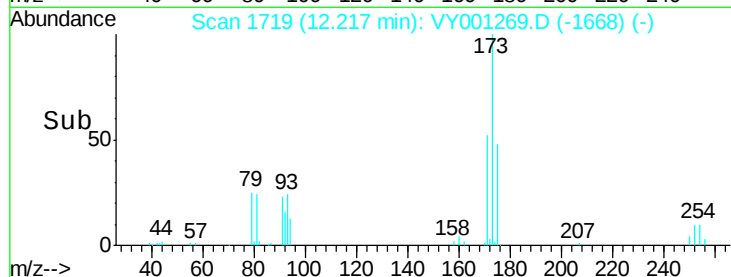
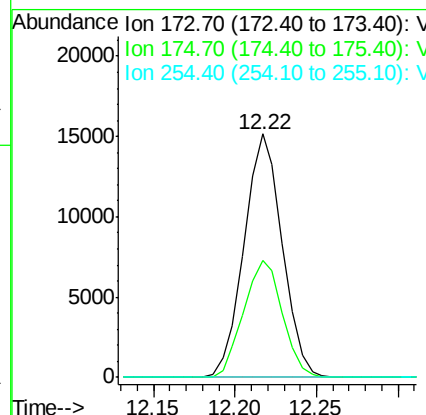
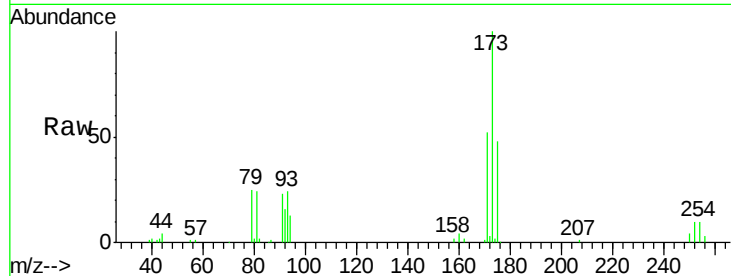
#71
Bromoform
Concen: 19.405 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. 0.01 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.1	72.2
254	0.0	0.1	0.1#

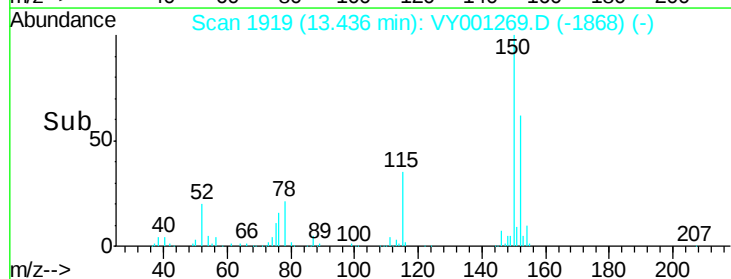
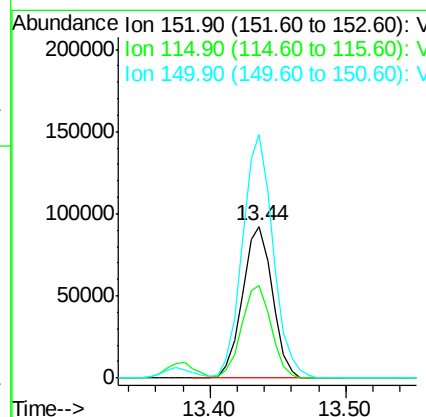
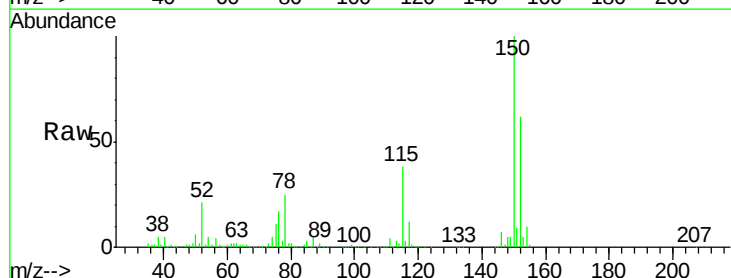
Manual Integrations
APPROVED

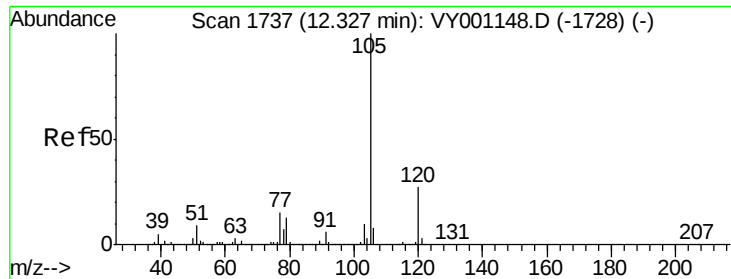
MMDadoda
1/20/2020 11:06:52 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.9	92.5
150	164.4	0.0	346.8





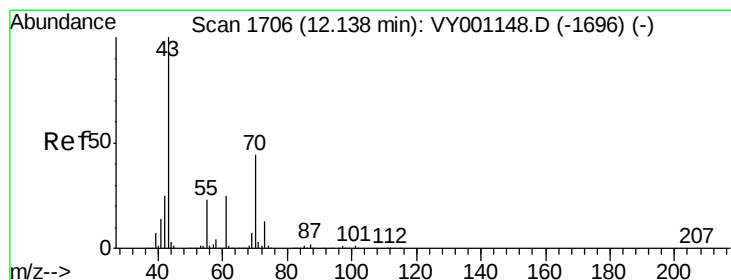
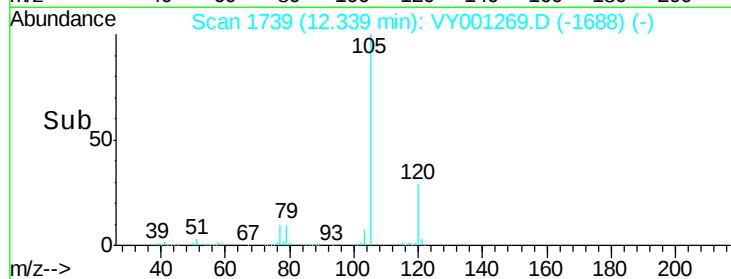
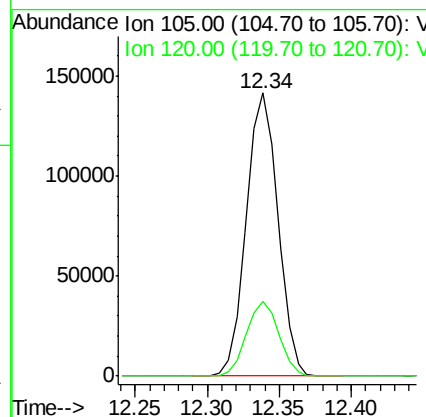
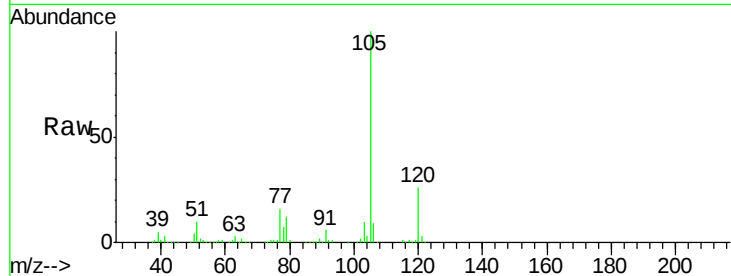
#73
Isopropylbenzene
Concen: 20.156 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	215086		
120	26.9		13.4	40.2

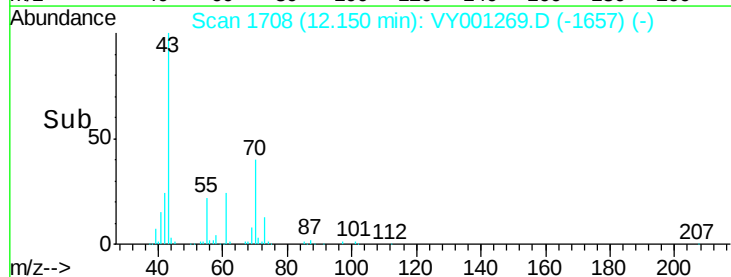
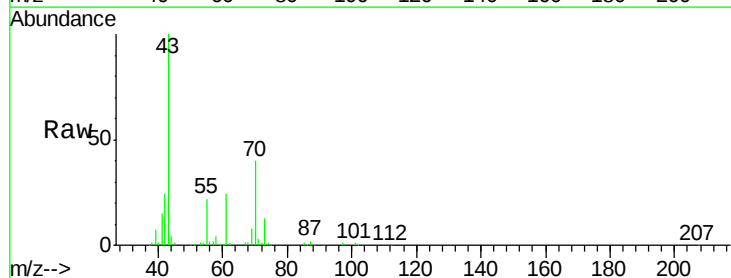
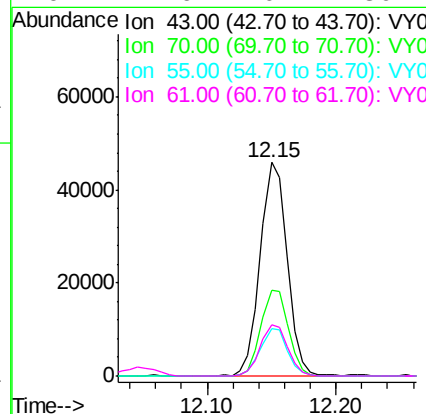
Manual Integrations
APPROVED

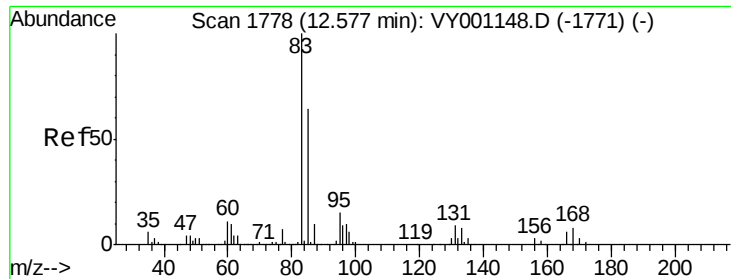
MMDadoda
1/20/2020 11:06:52 AM



#74
N-ethyl acetate
Concen: 19.925 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.01 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	66355		
70	41.3		35.0	52.6
55	22.7		18.4	27.6
61	24.6		20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.855 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Instrument :

MSVOA_Y

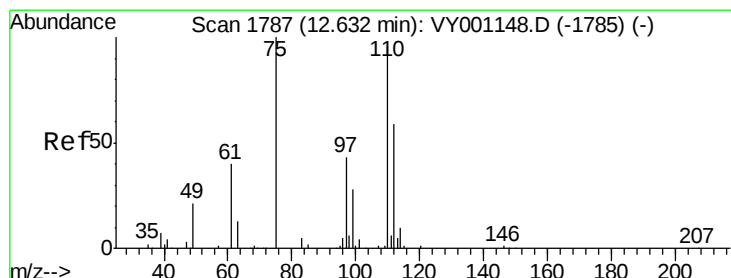
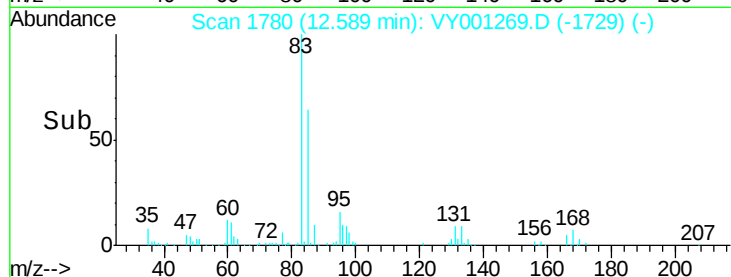
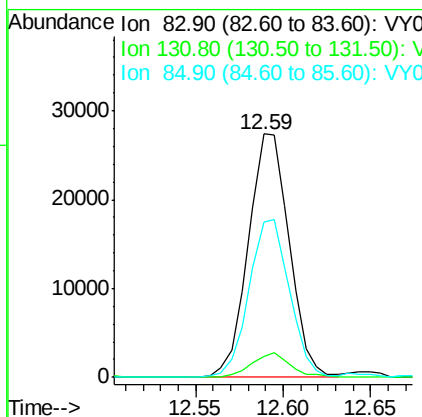
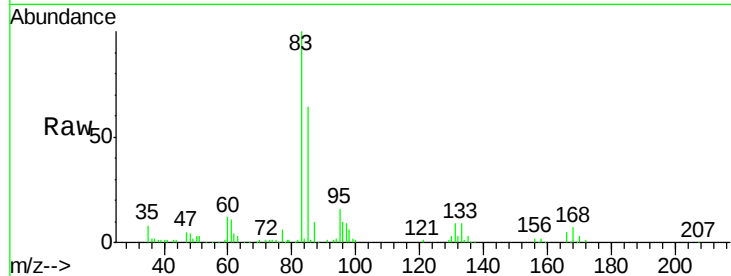
ClientSampleId :

VY0117SBS01

Tot Ion:	83	Resp:	44578
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.1	15.3
85	64.5	32.2	96.6

Manual Integrations
APPROVED

MMDadoda
1/20/2020 11:06:52 AM



#76

1,2,3-Trichloropropane

Concen: 23.192 ug/l m

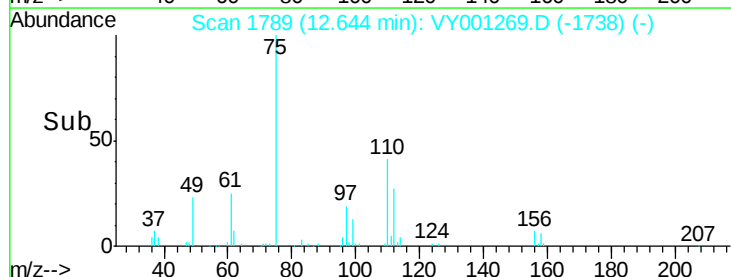
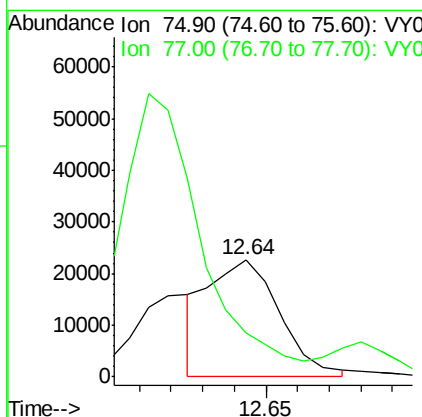
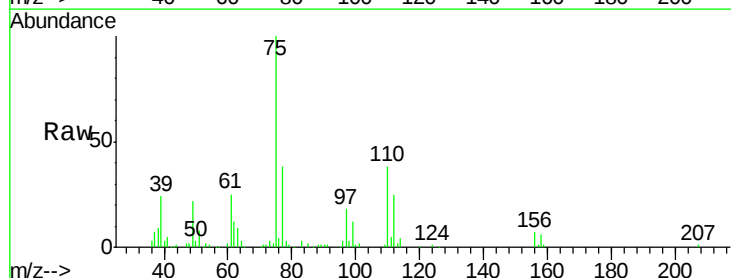
RT: 12.64 min Scan# 1789

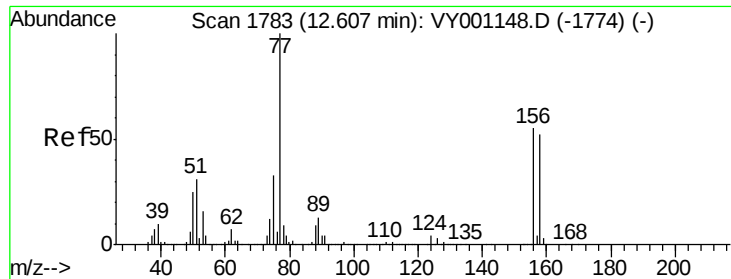
Delta R.T. 0.01 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Tgt Ion:	75	Resp:	35241
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





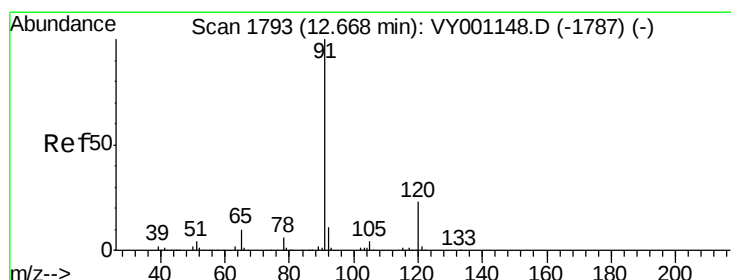
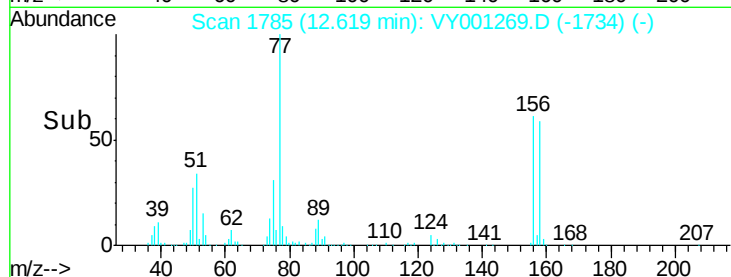
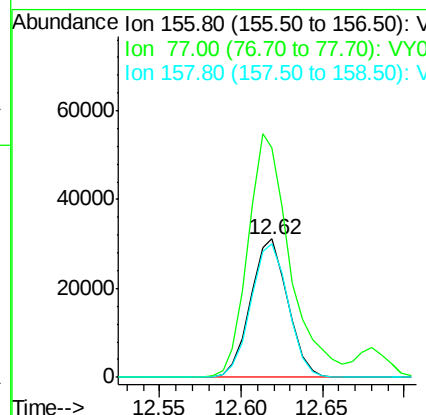
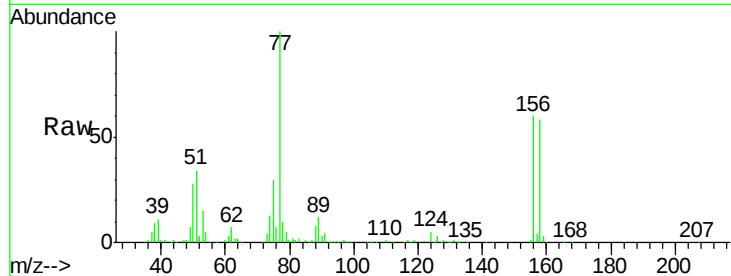
#77
Bromobenzene
Concen: 20.863 ug/l
RT: 12.62 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	199.3	106.7	320.1
158	96.7	48.3	144.8

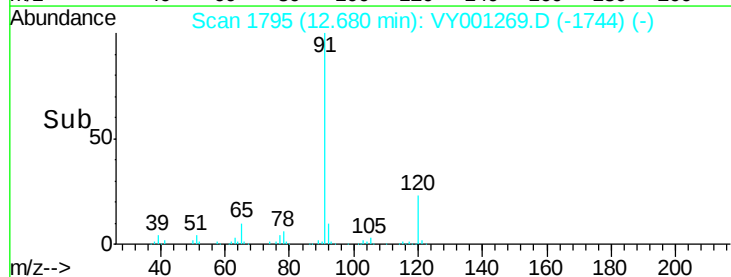
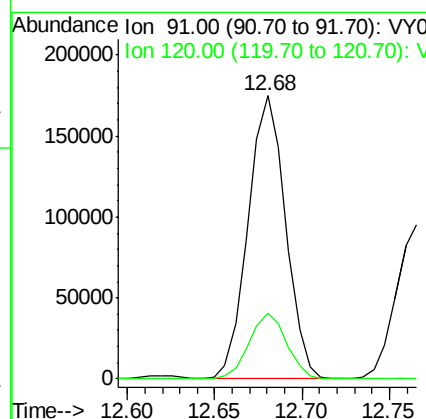
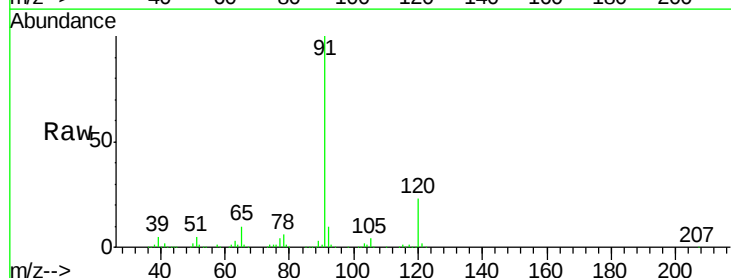
Manual Integrations
APPROVED

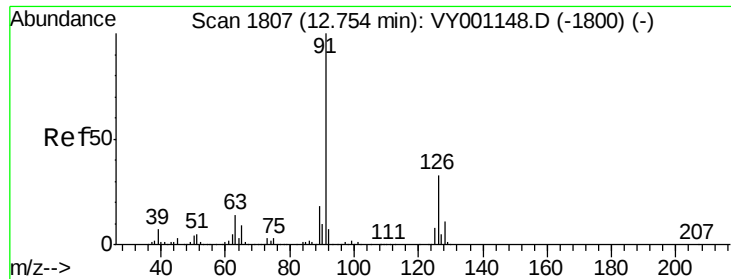
MMDadoda
1/20/2020 11:06:52 AM



#78
n-propylbenzene
Concen: 20.298 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. 0.01 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.5	34.4





#79

2-Chlorotoluene

Concen: 19.784 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tot Ion: 91 Resp: 145840

Ion Ratio Lower Upper

91 100

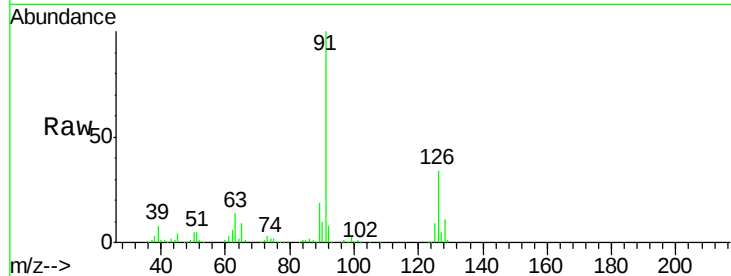
126 34.2 16.4 49.4

Manual Integrations

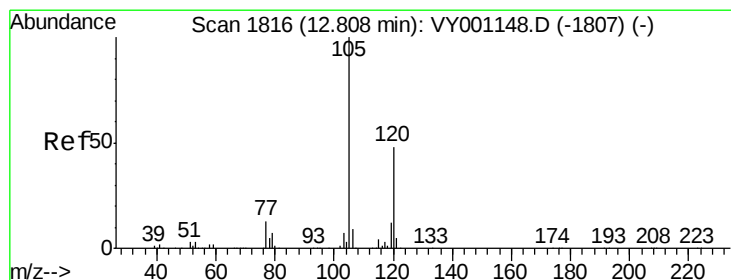
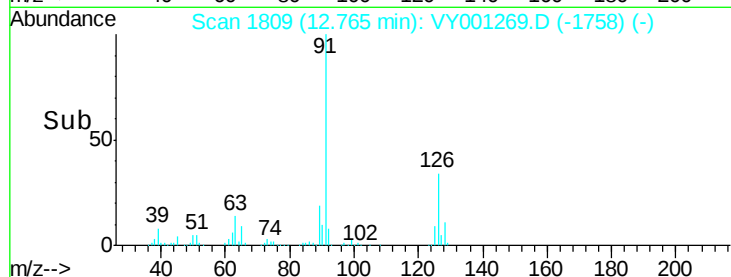
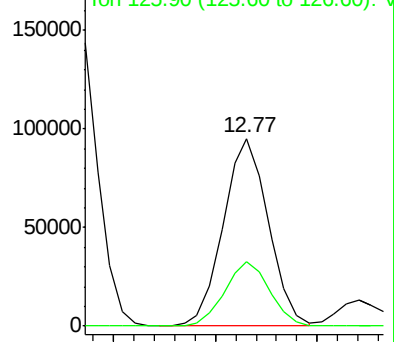
APPROVED

MMDadoda

1/20/2020 11:06:52 AM



Abundance Ion 91.00 (90.70 to 91.70): VY001148.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.201 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VY001269.D

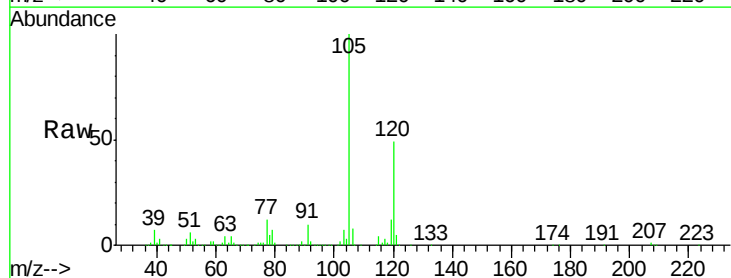
Acq: 17 Jan 2020 16:49

Tgt Ion: 105 Resp: 179865

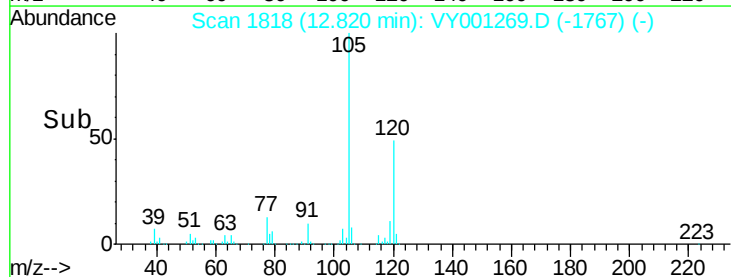
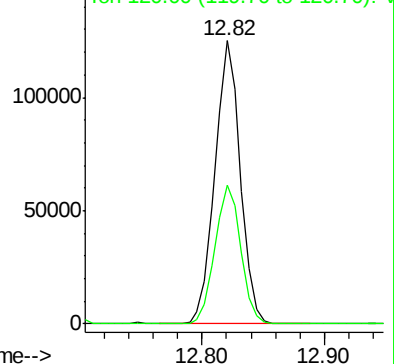
Ion Ratio Lower Upper

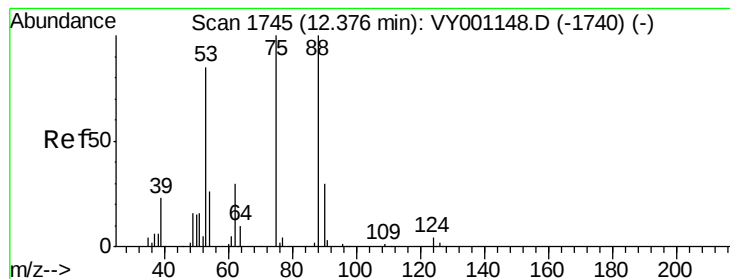
105 100

120 49.7 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VY001148.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.481 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.01 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Instrument :

MSVOA_Y

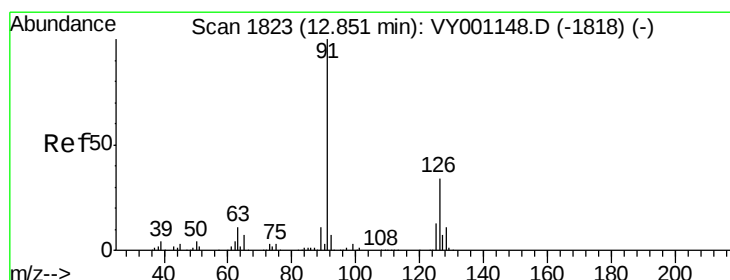
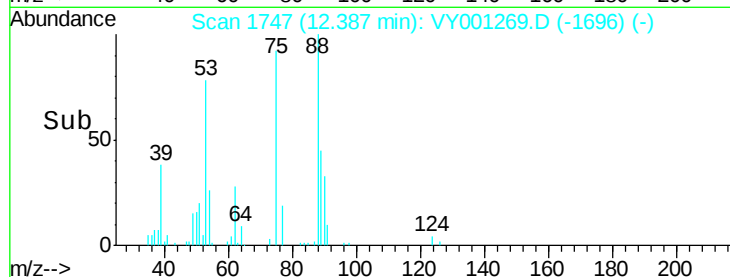
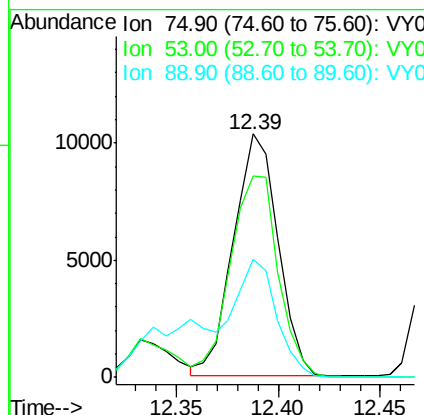
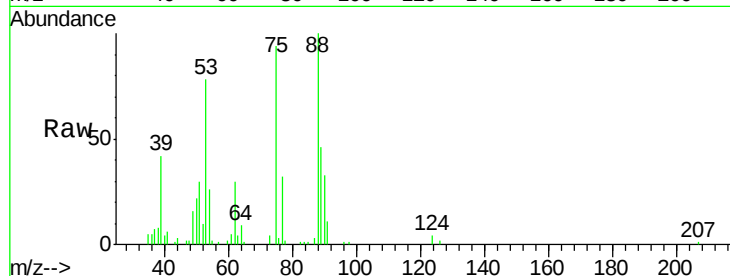
ClientSampleId :

VY0117SBS01

Tot Ion:	75	Resp:	15664
Ion	Ratio	Lower	Upper
75	100		
53	89.3	69.4	104.2
89	46.0	0.0	0.0#

Manual Integrations
APPROVED

MMDadoda
1/20/2020 11:06:52 AM



#82

4-Chlorotoluene

Concen: 19.887 ug/l

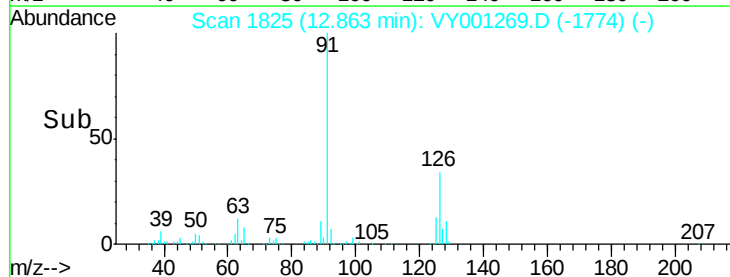
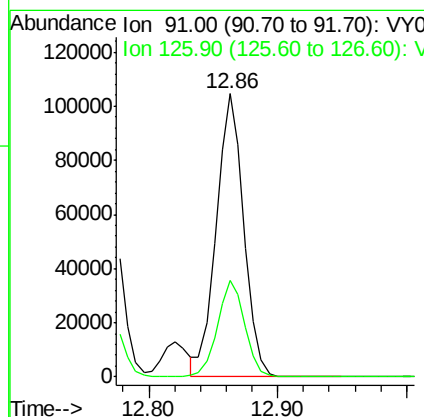
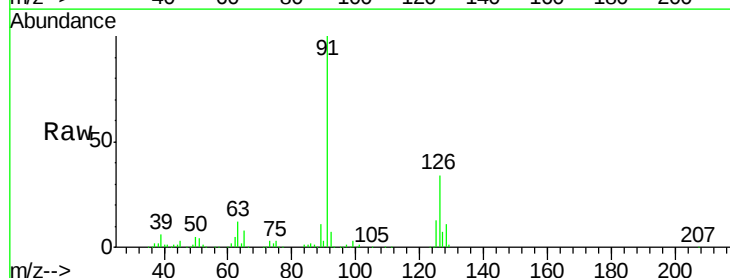
RT: 12.86 min Scan# 1825

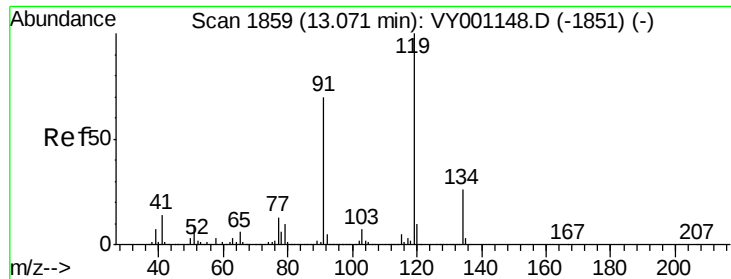
Delta R.T. 0.01 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Tgt Ion:	91	Resp:	156507
Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.3	48.8





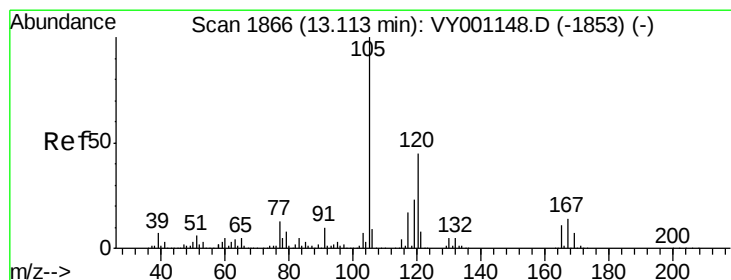
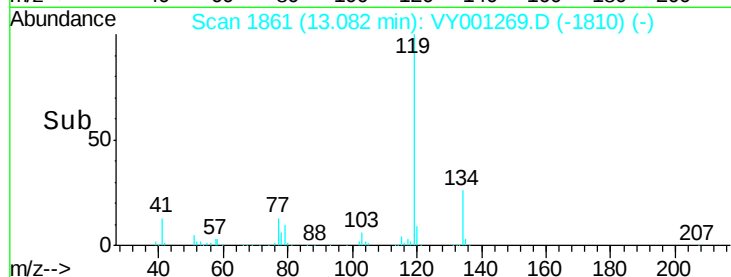
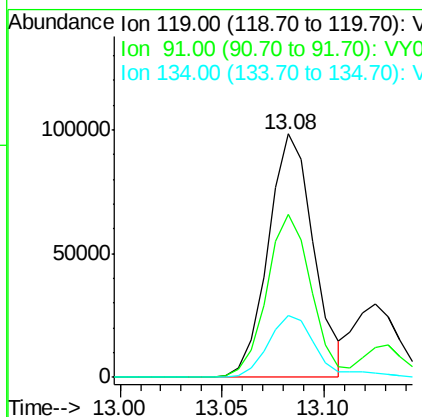
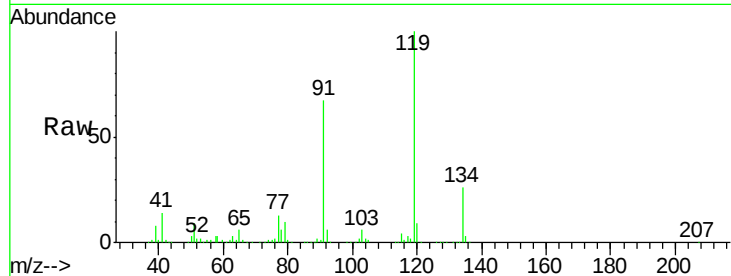
#83
tert-Butylbenzene
Concen: 20.428 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.01 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.1	33.9	101.7
134	27.4	13.5	40.4

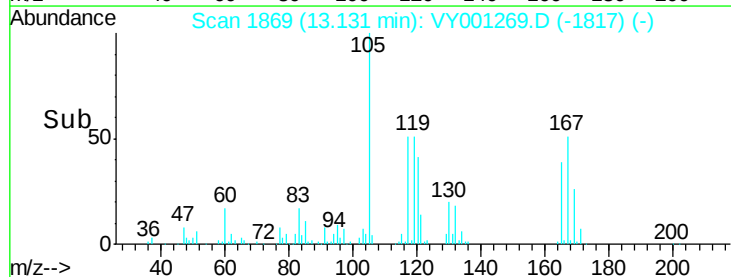
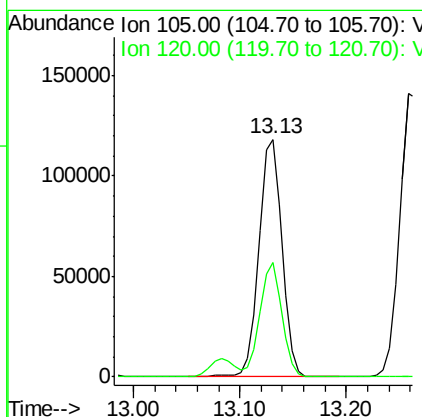
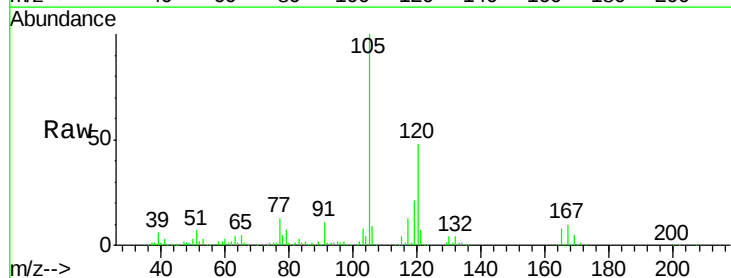
Manual Integrations
APPROVED

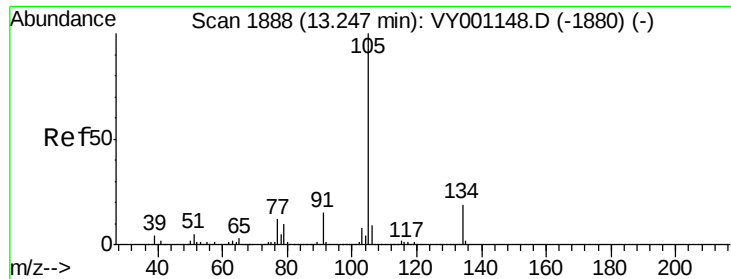
MMDadoda
1/20/2020 11:06:52 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.358 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.02 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.8	68.3





#85

sec-Butylbenzene

Concen: 20.419 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tot Ion:105 Resp: 219766

Ion Ratio Lower Upper

105 100

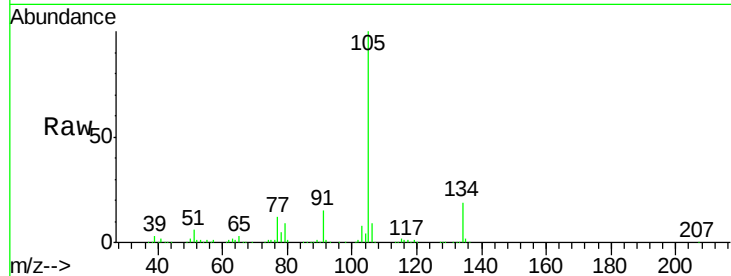
134 19.7 9.8 29.5

Manual Integrations

APPROVED

MMDadoda

1/20/2020 11:06:52 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

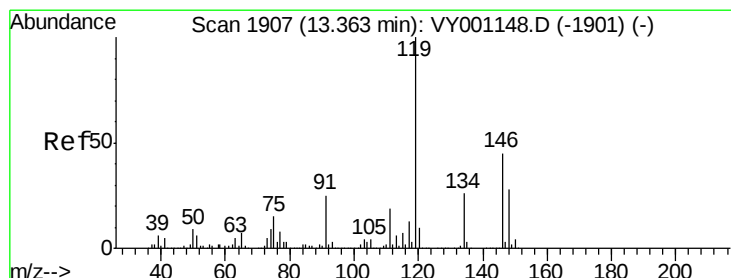
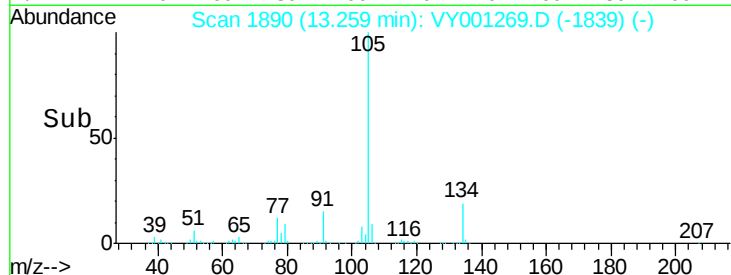
100000

50000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 21.020 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.02 min

Lab File: VY001269.D

Acq: 17 Jan 2020 16:49

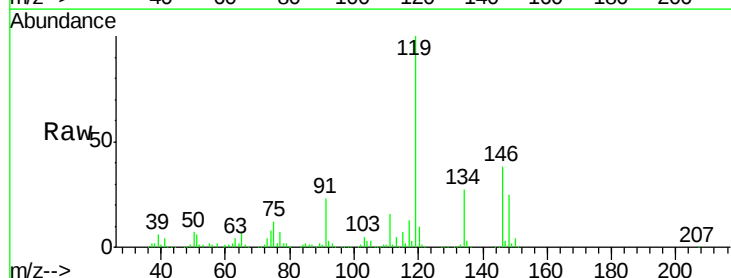
Tgt Ion:119 Resp: 196430

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

91 23.2 12.4 37.2



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

150000

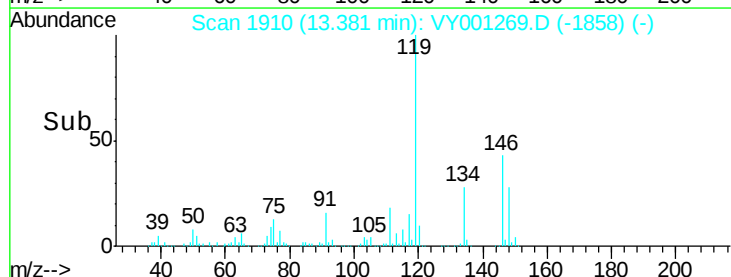
100000

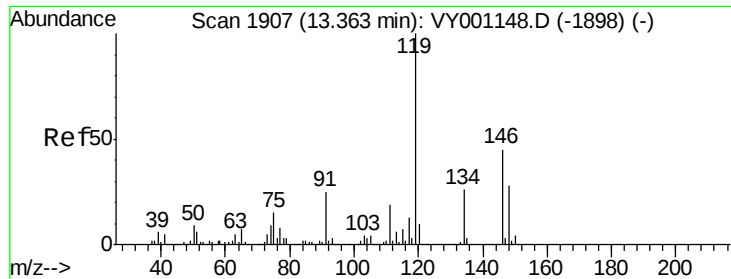
50000

0

13.30 13.35 13.40 13.45

Time-->





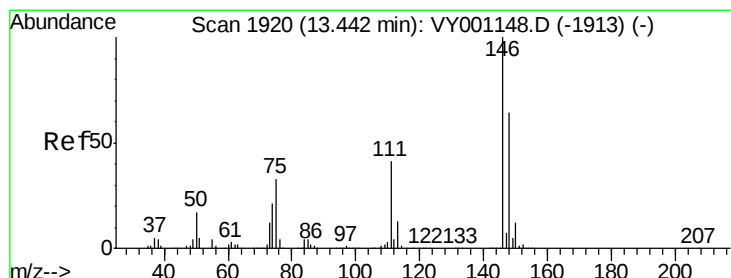
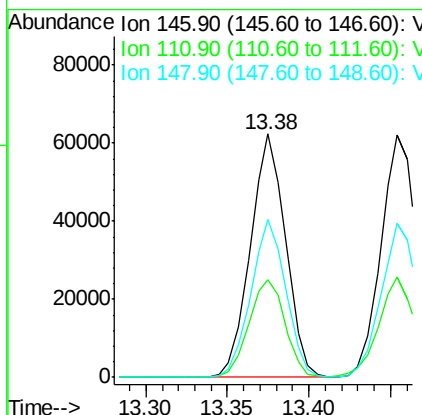
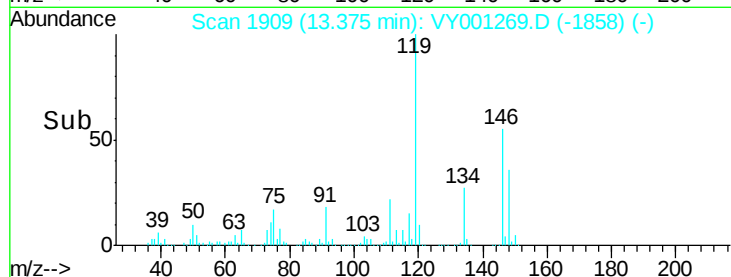
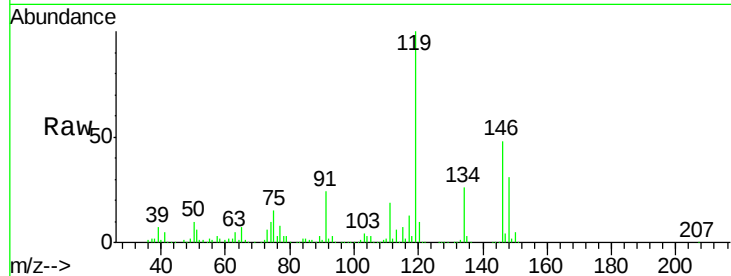
#87
 1,3-Dichlorobenzene
 Concen: 21.027 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY001269.D
 Acq: 17 Jan 2020 16:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.3	64.0
148	64.4	31.9	95.5

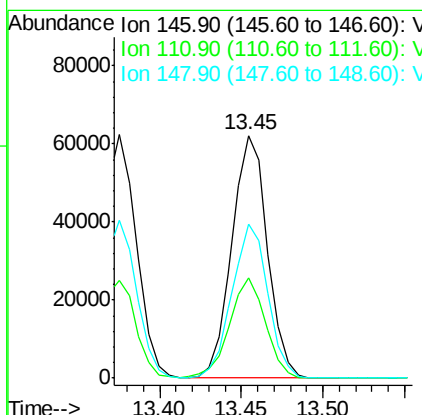
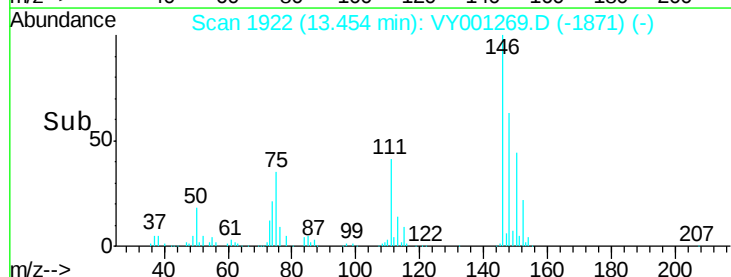
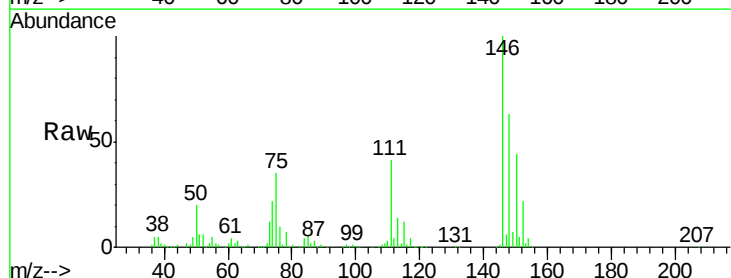
Manual Integrations
 APPROVED

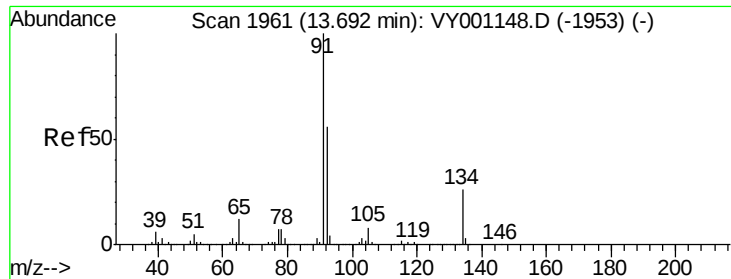
MMDadoda
 1/20/2020 11:06:52 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.525 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: VY001269.D
 Acq: 17 Jan 2020 16:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.8	62.5
148	64.3	32.0	96.2





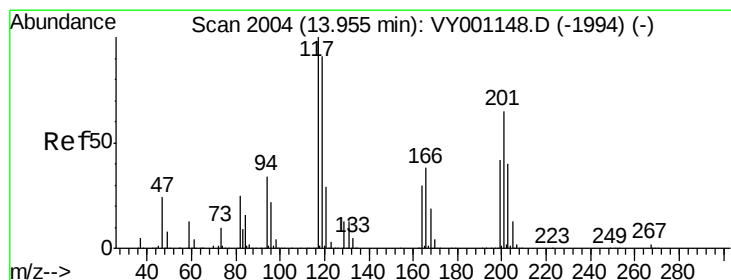
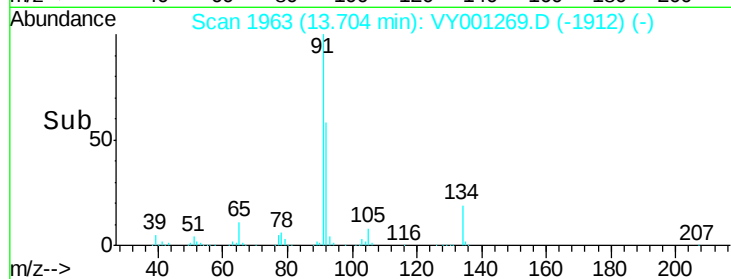
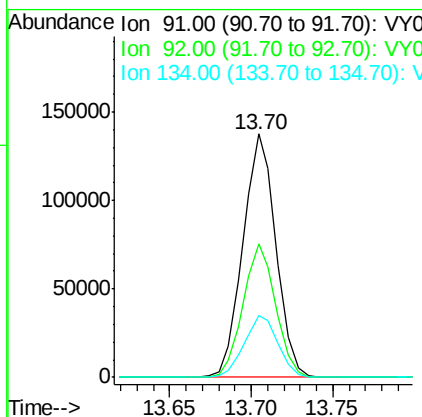
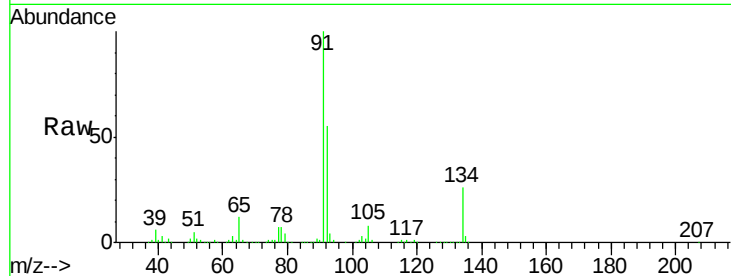
#89
n-Butylbenzene
Concen: 20.579 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.01 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.7	83.1
134	25.8	12.9	38.6

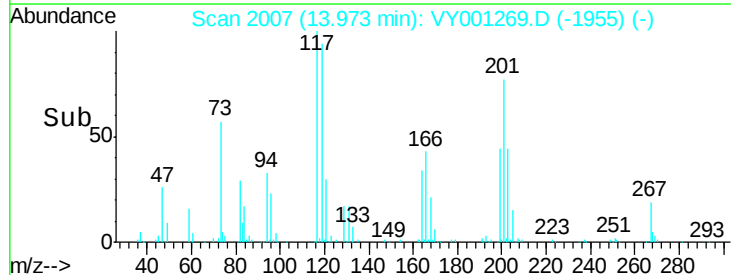
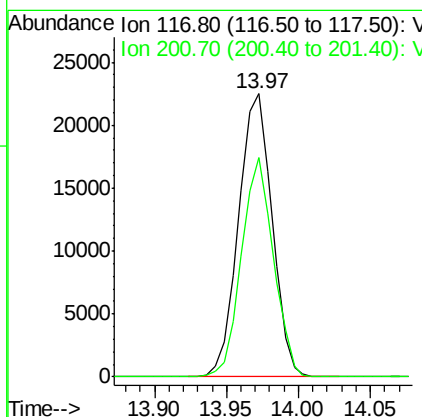
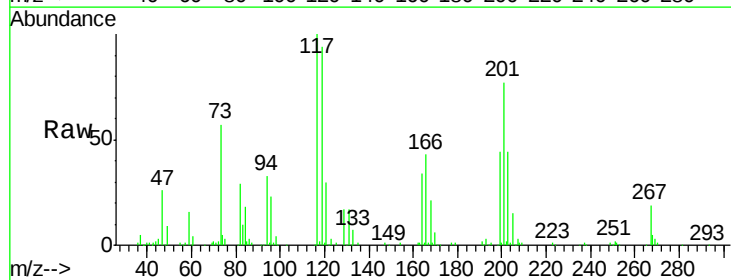
Manual Integrations
APPROVED

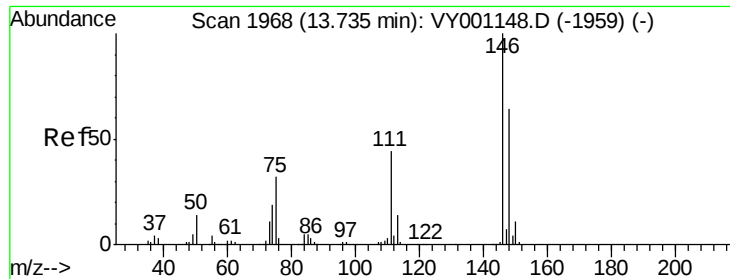
MMDadoda
1/20/2020 11:06:52 AM



#90
Hexachloroethane
Concen: 19.960 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.02 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.2	35.4	106.2





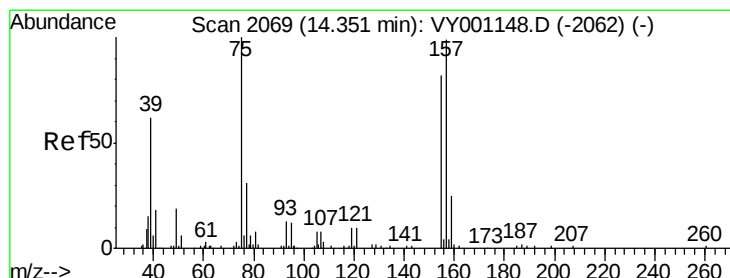
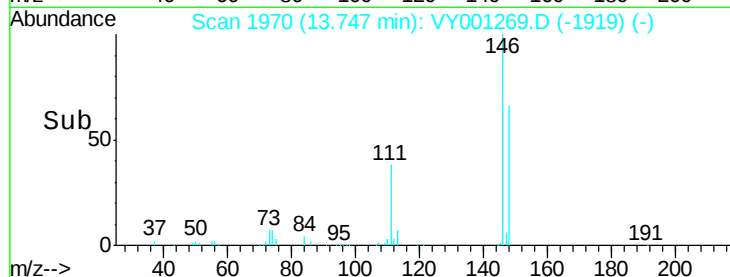
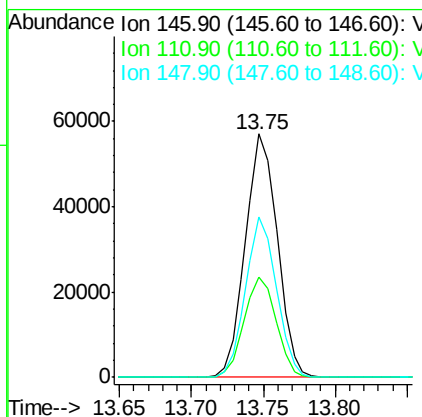
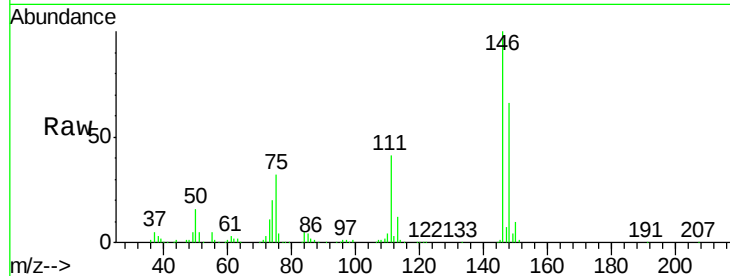
#91
 1,2-Dichlorobenzene
 Concen: 21.191 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.01 min
 Lab File: VY001269.D
 Acq: 17 Jan 2020 16:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	22.0	66.0
148	63.6	32.1	96.3

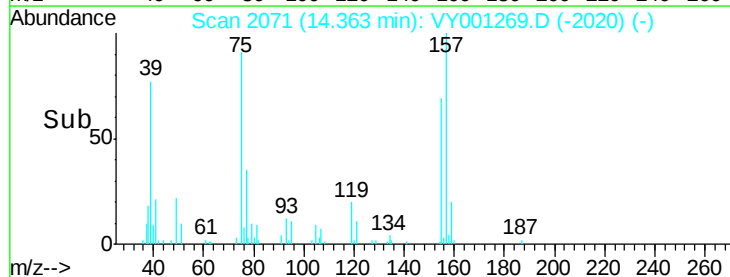
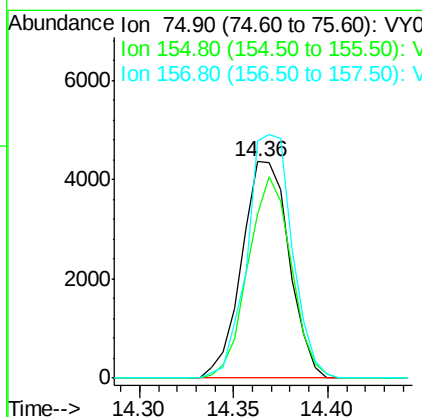
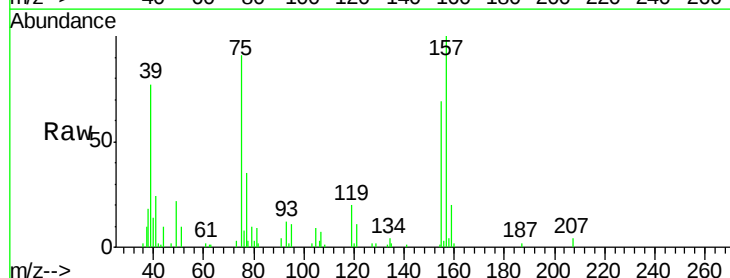
Manual Integrations
 APPROVED

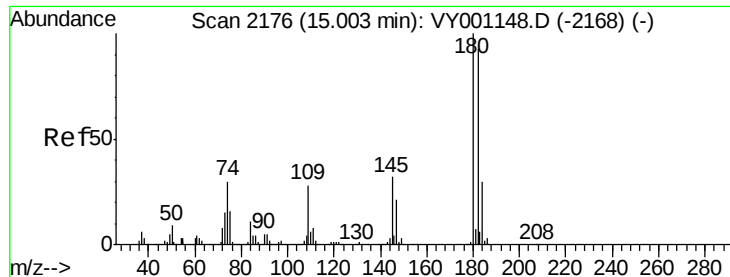
MMDadoda
 1/20/2020 11:06:52 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.734 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.01 min
 Lab File: VY001269.D
 Acq: 17 Jan 2020 16:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.9	41.2	123.6
157	107.2	52.8	158.4





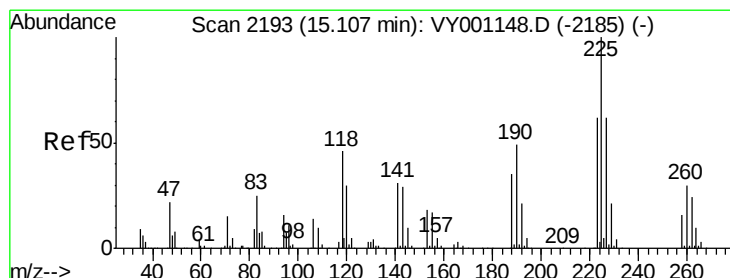
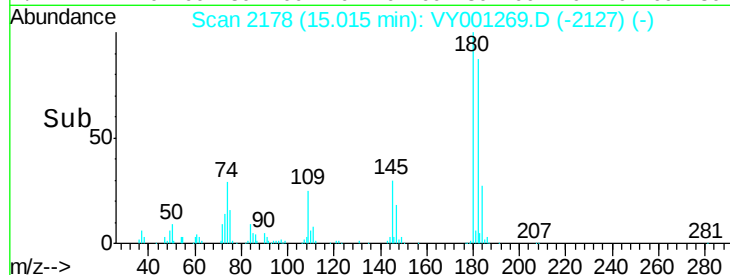
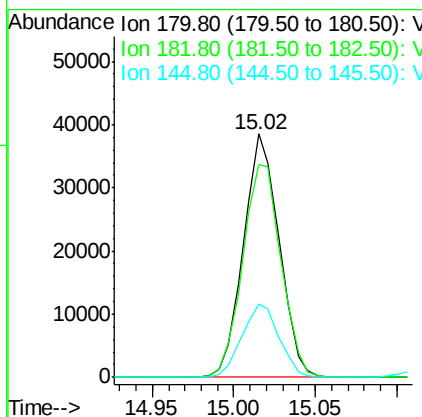
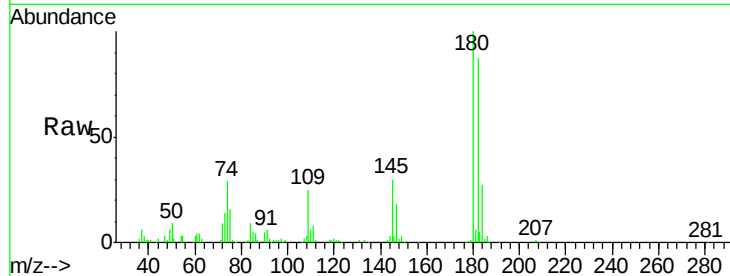
#93
 1,2,4-Trichlorobenzene
 Concen: 21.518 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: VY001269.D
 Acq: 17 Jan 2020 16:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	58756		
182	93.9	46.9	140.8	
145	31.4	16.0	48.0	

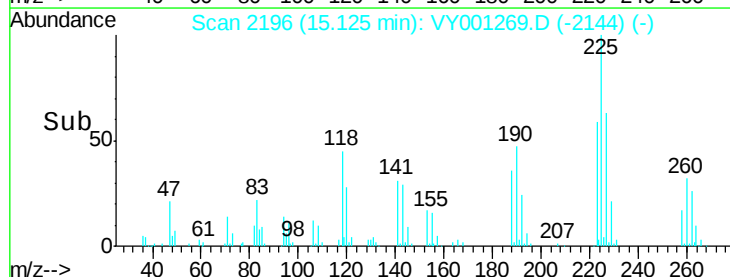
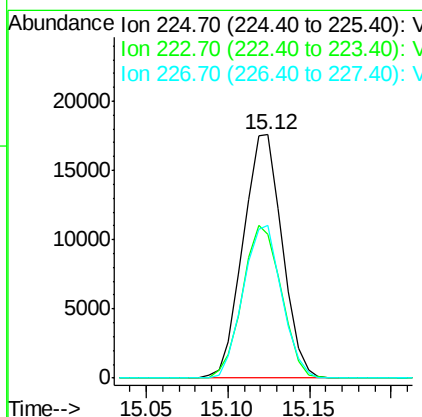
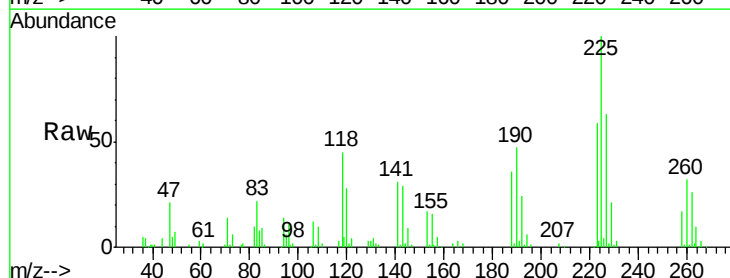
Manual Integrations
 APPROVED

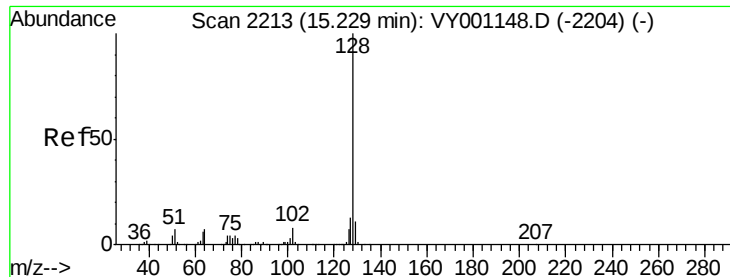
MMDadoda
 1/20/2020 11:06:52 AM



#94
 Hexachlorobutadiene
 Concen: 21.322 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.02 min
 Lab File: VY001269.D
 Acq: 17 Jan 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	29331		
223	62.0	31.1	93.3	
227	61.8	31.3	93.9	





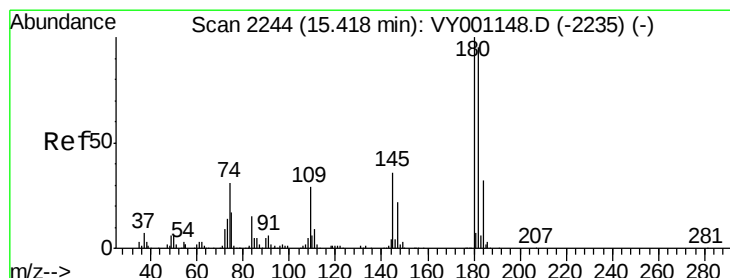
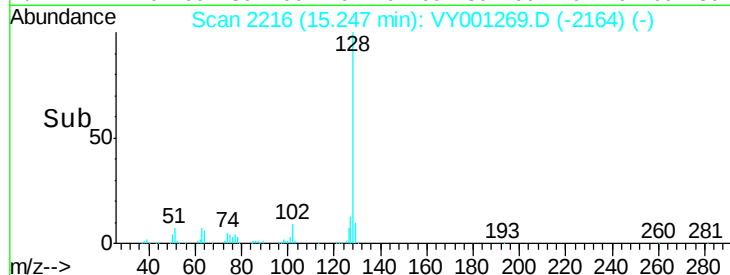
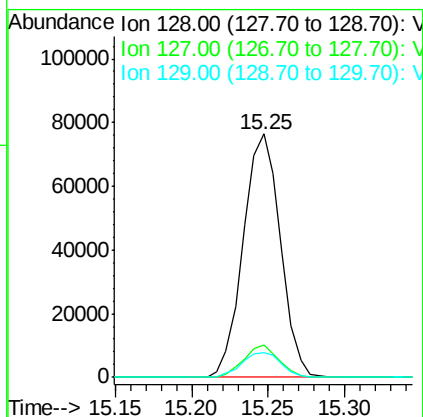
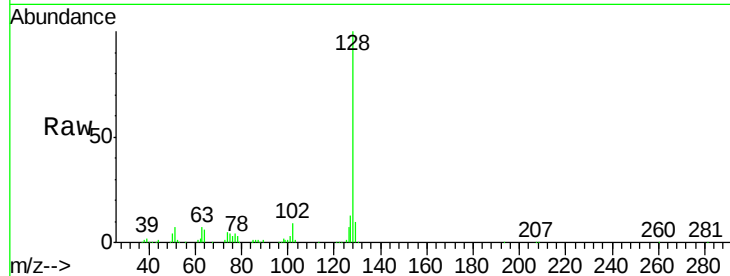
#95
Naphthalene
Concen: 20.336 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.02 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.9	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
1/20/2020 11:06:52 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.488 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.02 min
Lab File: VY001269.D
Acq: 17 Jan 2020 16:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.5	142.5
145	33.3	17.1	51.3

