

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012720\
 Data File : VY001401.D
 Acq On : 27 Jan 2020 13:32
 Operator : SY/MD
 Sample : VY0127SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 3:40:29 PM

Quant Time: Jan 27 14:01:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	206924	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	359309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	314398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	151219	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	111317	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
35) Dibromofluoromethane	7.74	113	102202	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
50) Toluene-d8	10.19	98	415735	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.49	95	155191	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	32957	20.197	ug/l	99
3) Chloromethane	2.13	50	51222	20.769	ug/l	99
4) Vinyl Chloride	2.26	62	48652	18.919	ug/l	95
5) Bromomethane	2.66	94	31013	17.907	ug/l	98
6) Chloroethane	2.80	64	30969	18.846	ug/l	96
7) Trichlorofluoromethane	3.14	101	63771	19.382	ug/l	99
8) Diethyl Ether	3.55	74	25452	18.324	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	42198	20.139	ug/l	100
10) Methyl Iodide	4.11	142	47460	17.173	ug/l	100
11) Tert butyl alcohol	4.99	59	29290	91.151	ug/l	97
12) 1,1-Dichloroethene	3.89	96	41999	19.116	ug/l	98
13) Acrolein	3.75	56	19312	108.320	ug/l	92
14) Allyl chloride	4.50	41	75145	19.180	ug/l	99
15) Acrylonitrile	5.19	53	67747	95.287	ug/l	100
16) Acetone	3.97	43	64880	104.987	ug/l	94
17) Carbon Disulfide	4.22	76	131015	18.961	ug/l	100
18) Methyl Acetate	4.50	43	35245	18.562	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	119079	18.511	ug/l	97
20) Methylene Chloride	4.74	84	51392	15.565	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	46957	18.400	ug/l	99
22) Diisopropyl ether	6.15	45	149304	17.946	ug/l	94
23) Vinyl Acetate	6.08	43	504249	93.358	ug/l	100
24) 1,1-Dichloroethane	6.04	63	82676	18.853	ug/l	99
25) 2-Butanone	7.01	43	94559	96.486	ug/l	100
26) 2,2-Dichloropropane	7.01	77	72848	18.649	ug/l	98
27) cis-1,2-Dichloroethene	7.01	96	52914	18.552	ug/l	98
28) Bromochloromethane	7.36	49	31897	17.637	ug/l	98
29) Tetrahydrofuran	7.37	42	60576	95.007	ug/l	98
30) Chloroform	7.53	83	78230	18.200	ug/l	100
31) Cyclohexane	7.80	56	83593	19.199	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	69175	19.060	ug/l	99
36) 1,1-Dichloropropene	7.94	75	64722	19.066	ug/l	99
37) Ethyl Acetate	7.10	43	41380	19.952	ug/l	99
38) Carbon Tetrachloride	7.92	117	59426	19.643	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012720\
 Data File : VY001401.D
 Acq On : 27 Jan 2020 13:32
 Operator : SY/MD
 Sample : VY0127SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 3:40:29 PM

Quant Time: Jan 27 14:01:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	87020	20.011	ug/l	98
40) Benzene	8.18	78	193423	19.003	ug/l	99
41) Methacrylonitrile	7.33	41	17602m	16.447	ug/l	
42) 1,2-Dichloroethane	8.26	62	53065	18.659	ug/l	100
43) Isopropyl Acetate	8.29	43	77906	19.318	ug/l	100
44) Trichloroethene	8.96	130	49582	18.983	ug/l	100
45) 1,2-Dichloropropane	9.23	63	48336	18.786	ug/l	100
46) Dibromomethane	9.32	93	26259	19.010	ug/l	100
47) Bromodichloromethane	9.51	83	61046	18.487	ug/l	97
48) Methyl methacrylate	9.30	41	35370	19.293	ug/l	99
49) 1,4-Dioxane	9.31	88	7890	405.039	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	202346	97.429	ug/l	100
52) Toluene	10.25	92	120257	18.638	ug/l	97
53) t-1,3-Dichloropropene	10.48	75	69643	19.028	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	78492	18.684	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	38528	18.897	ug/l	96
56) Ethyl methacrylate	10.52	69	57944	18.804	ug/l	99
57) 1,3-Dichloropropane	10.80	76	67816	19.094	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	114324	107.213	ug/l	99
59) 2-Hexanone	10.84	43	144628	100.030	ug/l	100
60) Dibromochloromethane	11.00	129	42578	18.672	ug/l	99
61) 1,2-Dibromoethane	11.10	107	37757	19.589	ug/l	98
64) Tetrachloroethene	10.73	164	38926	19.383	ug/l	95
65) Chlorobenzene	11.53	112	125931	19.002	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	43943	19.430	ug/l	100
67) Ethyl Benzene	11.60	91	237449	19.442	ug/l	98
68) m/p-Xylenes	11.71	106	178251	39.078	ug/l	99
69) o-Xylene	12.04	106	83951	19.132	ug/l	99
70) Styrene	12.05	104	145261	18.867	ug/l	99
71) Bromoform	12.22	173	25193	18.661	ug/l #	100
73) Isopropylbenzene	12.34	105	229272	19.214	ug/l	99
74) N-amyl acetate	12.15	43	75234	19.262	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	49050	19.194	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	33886m	18.596	ug/l	
77) Bromobenzene	12.62	156	49684	18.799	ug/l	99
78) n-propylbenzene	12.68	91	275346	19.171	ug/l	100
79) 2-Chlorotoluene	12.77	91	154394	18.817	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	191148	19.191	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	18990	19.722	ug/l	98
82) 4-Chlorotoluene	12.86	91	164989	18.825	ug/l	100
83) tert-Butylbenzene	13.08	119	157136	18.716	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	190808	19.081	ug/l	99
85) sec-Butylbenzene	13.27	105	232980	19.531	ug/l	100
86) p-Isopropyltoluene	13.38	119	208034	19.790	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	97173	19.091	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	96739	18.718	ug/l	98
89) n-Butylbenzene	13.70	91	208169	19.677	ug/l	98
90) Hexachloroethane	13.97	117	38341	19.242	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	89838	19.138	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	8653	19.623	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012720\
 Data File : VY001401.D
 Acq On : 27 Jan 2020 13:32
 Operator : SY/MD
 Sample : VY0127SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 3:40:29 PM

Quant Time: Jan 27 14:01:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	59583	18.912	ug/l	99
94) Hexachlorobutadiene	15.12	225	29735	19.383	ug/l	97
95) Naphthalene	15.25	128	144037	19.994	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	51641	18.685	ug/l	98

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

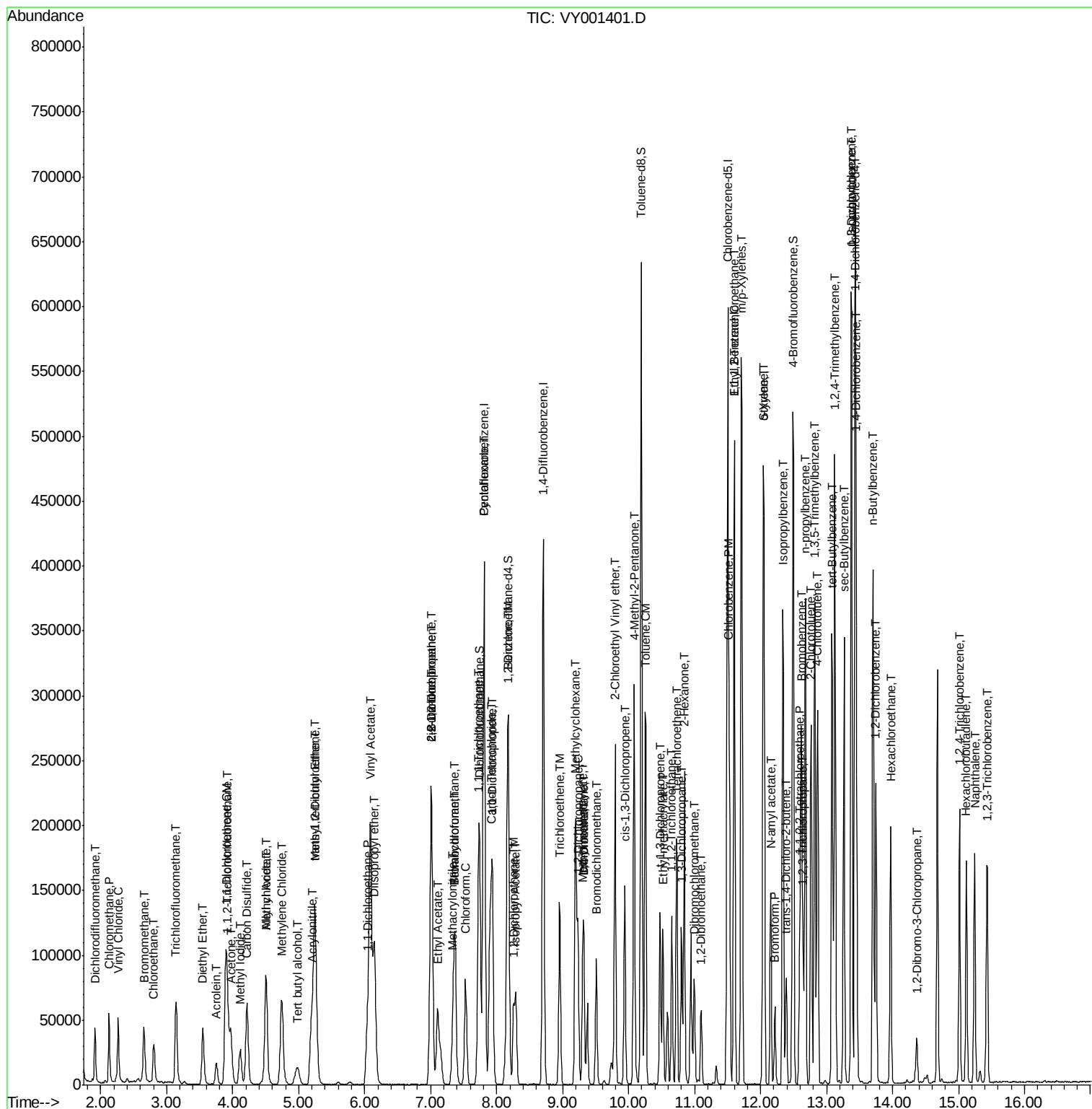
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012720\
Data File : VY001401.D
Acq On : 27 Jan 2020 13:32
Operator : SY/MD
Sample : VY0127SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

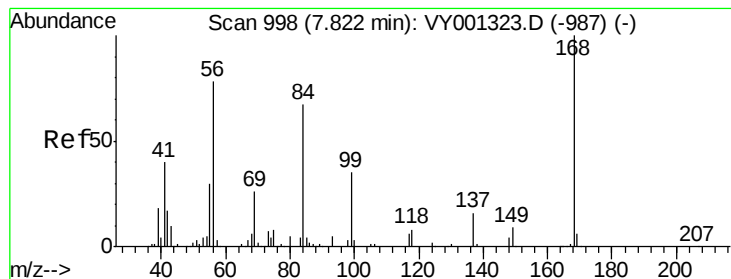
Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Manual Integrations
APPROVED

MMDadoda
1/28/2020 3:40:29 PM

Quant Time: Jan 27 14:01:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001401.D

Acq: 27 Jan 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBS01

Tot Ion:168 Resp: 206924

Ion Ratio Lower Upper

168 100

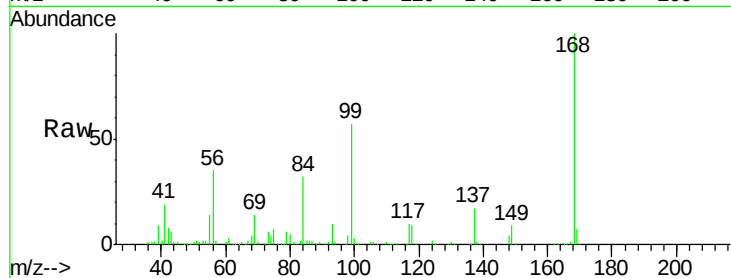
99 57.1 44.3 66.5

Manual Integrations

APPROVED

MMDadoda

1/28/2020 3:40:29 PM



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.81

100000

80000

60000

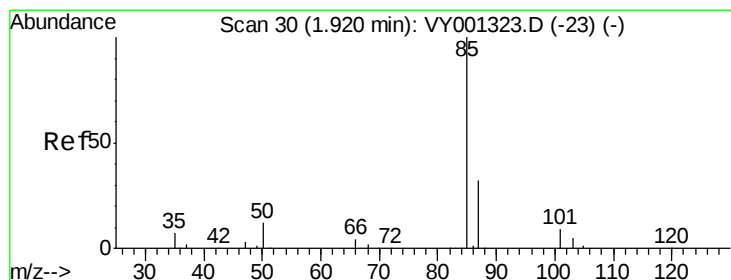
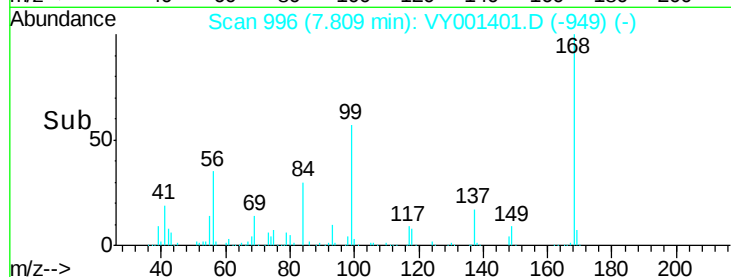
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.197 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.01 min

Lab File: VY001401.D

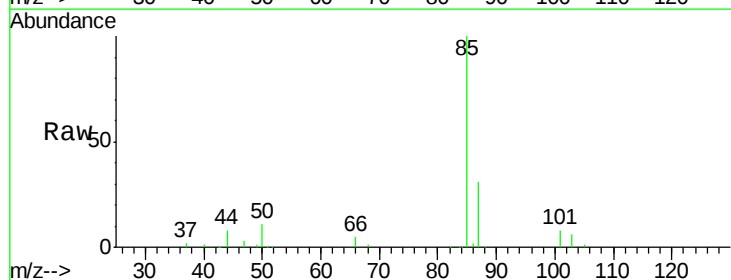
Acq: 27 Jan 2020 13:32

Tgt Ion: 85 Resp: 32957

Ion Ratio Lower Upper

85 100

87 31.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

25000

20000

15000

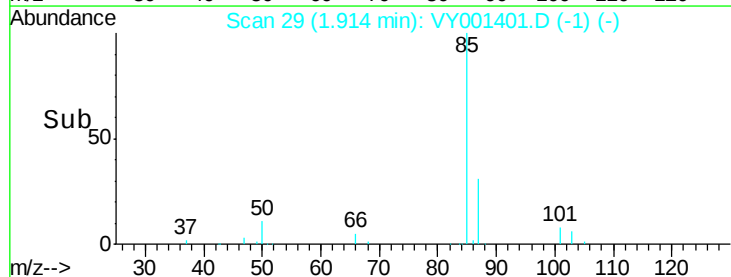
10000

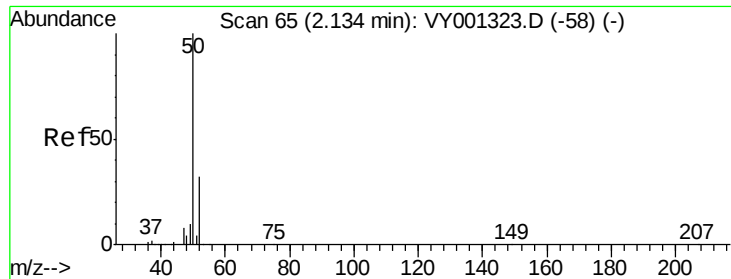
5000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 20.769 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.01 min

Lab File: VY001401.D

Acq: 27 Jan 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBS01

Tot Ion: 50 Resp: 51222

Ion Ratio Lower Upper

50 100

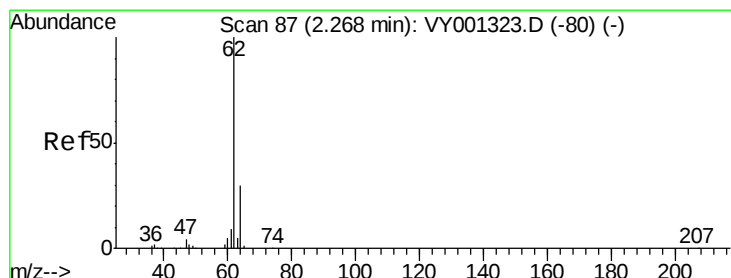
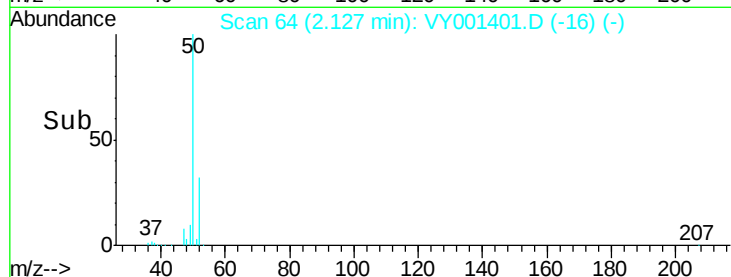
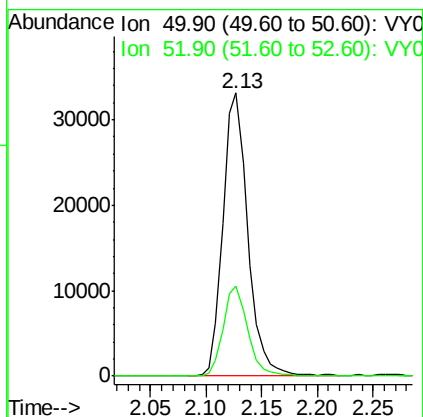
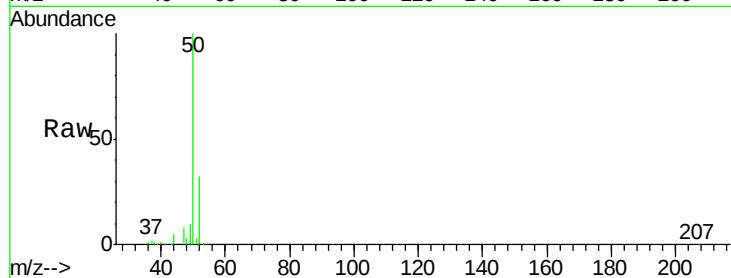
52 31.6 25.7 38.5

Manual Integrations

APPROVED

MMDadoda

1/28/2020 3:40:29 PM



#4

Vinyl Chloride

Concen: 18.919 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001401.D

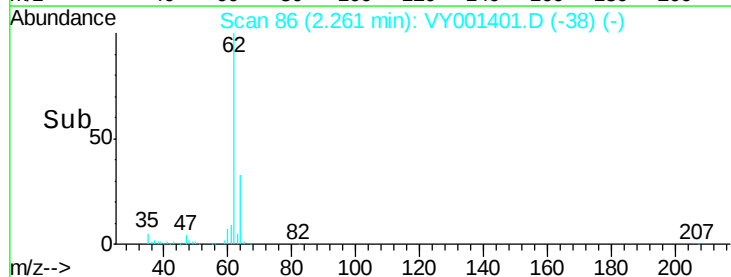
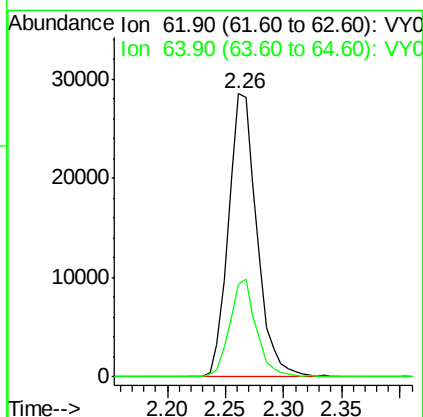
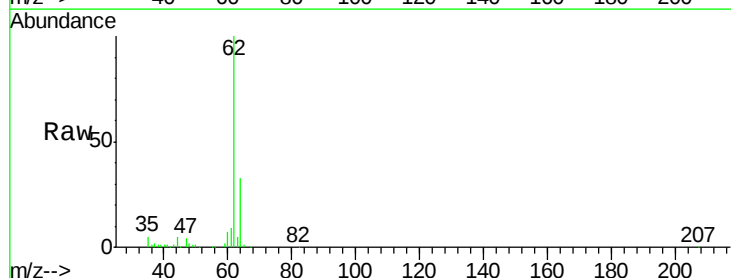
Acq: 27 Jan 2020 13:32

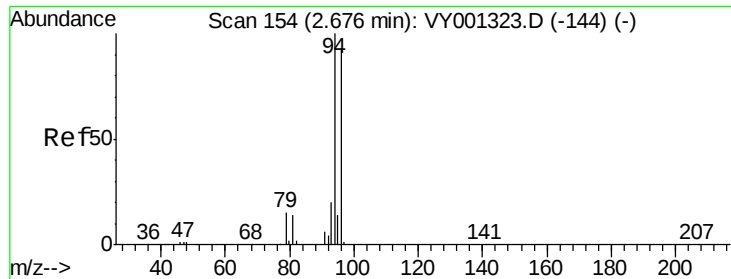
Tgt Ion: 62 Resp: 48652

Ion Ratio Lower Upper

62 100

64 32.8 23.9 35.9





#5

Bromomethane

Concen: 17.907 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.02 min

Lab File: VY001401.D

Acq: 27 Jan 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBS01

Tot Ion: 94 Resp: 31013

Ion Ratio Lower Upper

94 100

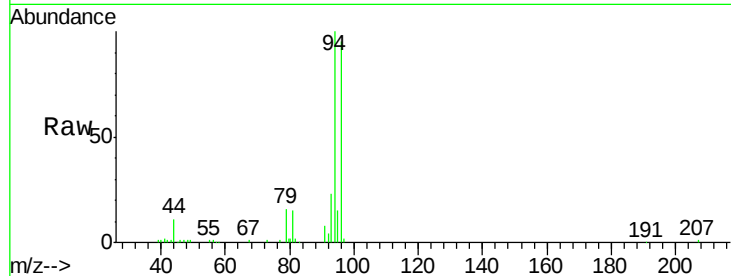
96 95.2 74.6 111.8

Manual Integrations

APPROVED

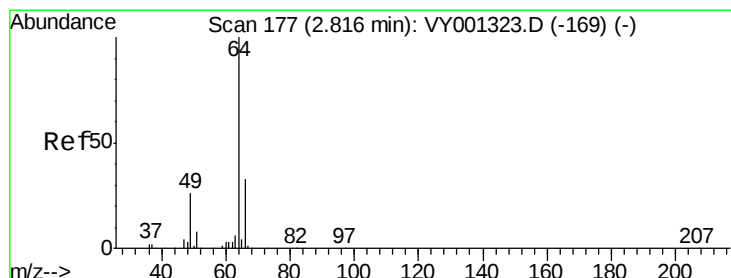
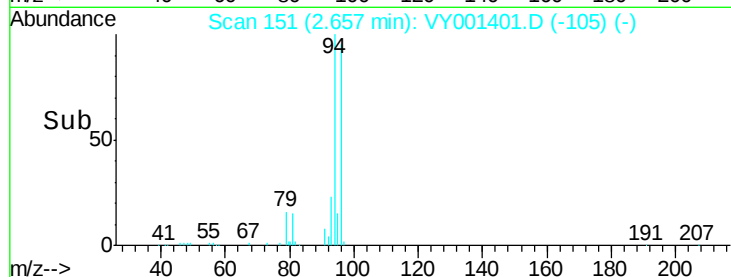
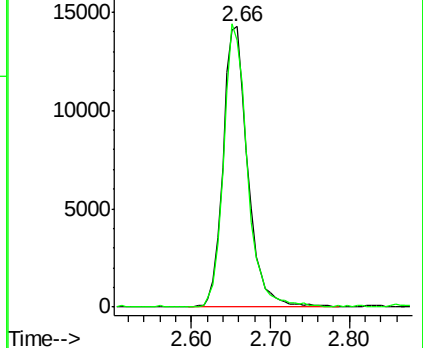
MMDadoda

1/28/2020 3:40:29 PM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 18.846 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001401.D

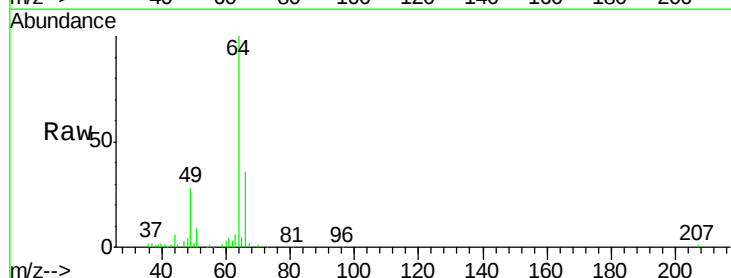
Acq: 27 Jan 2020 13:32

Tgt Ion: 64 Resp: 30969

Ion Ratio Lower Upper

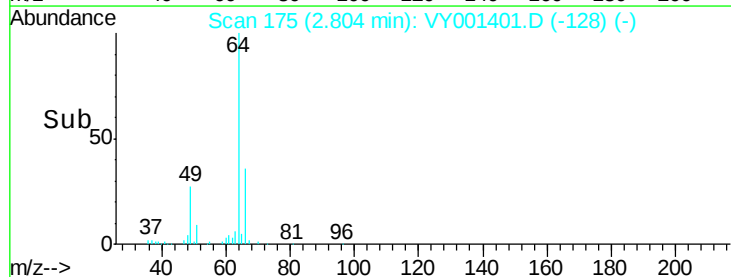
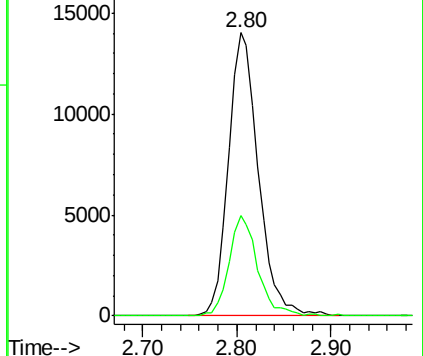
64 100

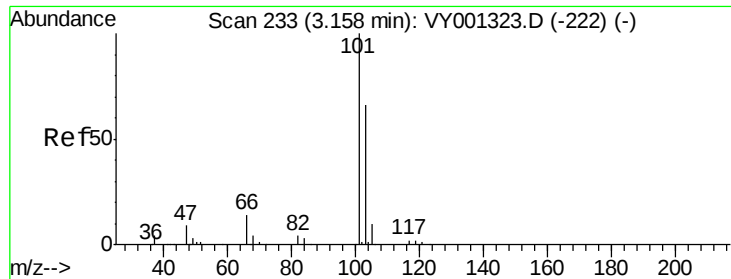
66 35.5 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

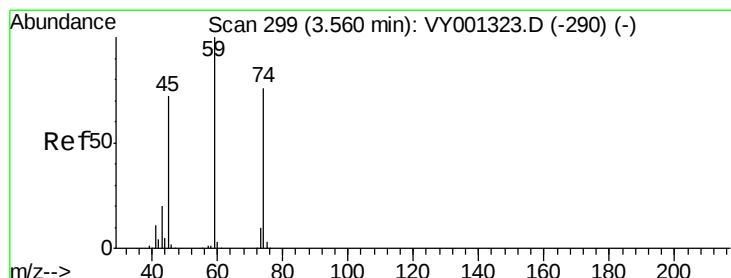
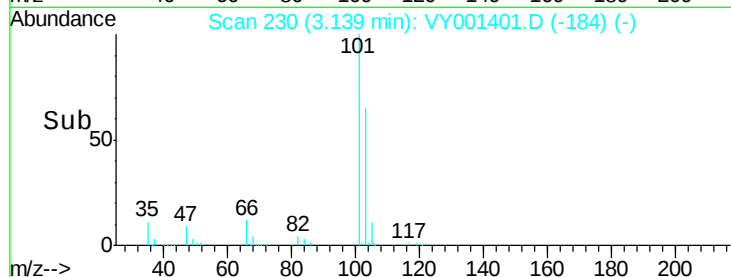
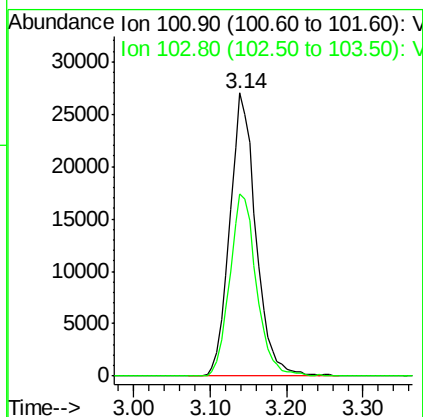
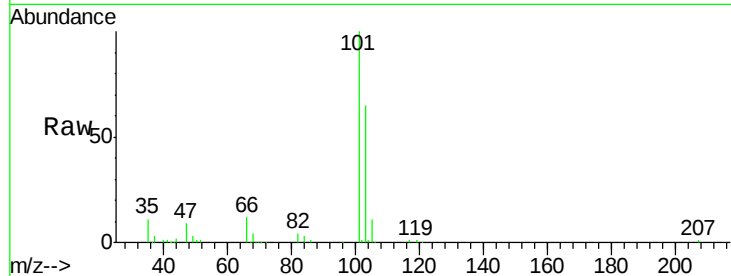
Trichlorofluoromethane
 Concen: 19.382 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.02 min
 Lab File: VY001401.D
 Acq: 27 Jan 2020 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.5	78.7

Manual Integrations
 APPROVED

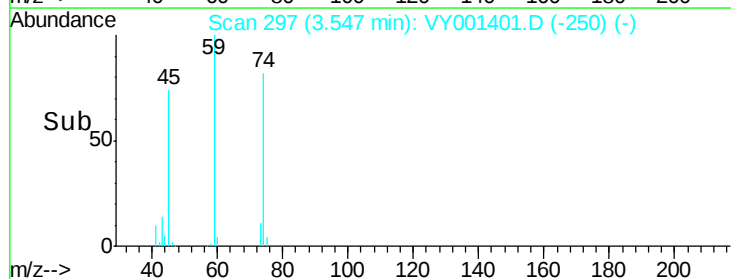
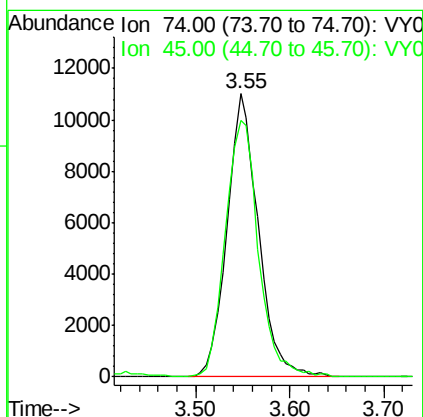
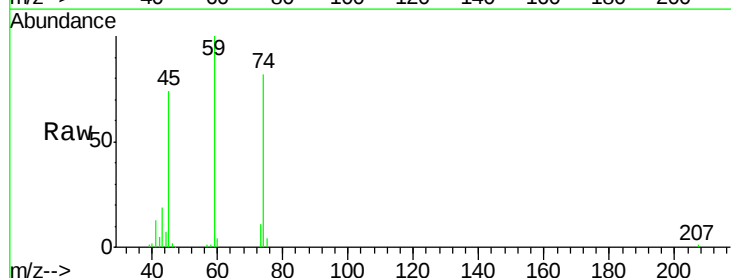
MMDadoda
 1/28/2020 3:40:29 PM

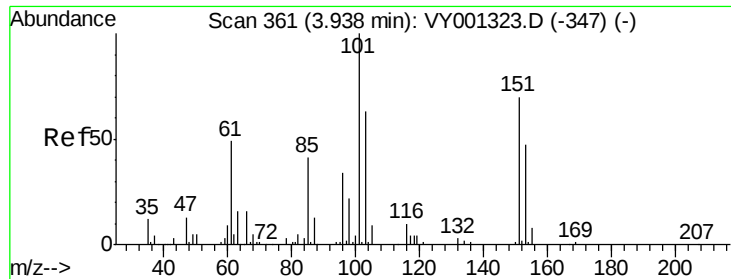


#8

Diethyl Ether
 Concen: 18.324 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY001401.D
 Acq: 27 Jan 2020 13:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.8	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.139 ug/l

RT: 3.93 min Scan# 359

Delta R.T. -0.01 min

Lab File: VY001401.D

Acq: 27 Jan 2020 13:32

Instrument :

MSVOA_Y

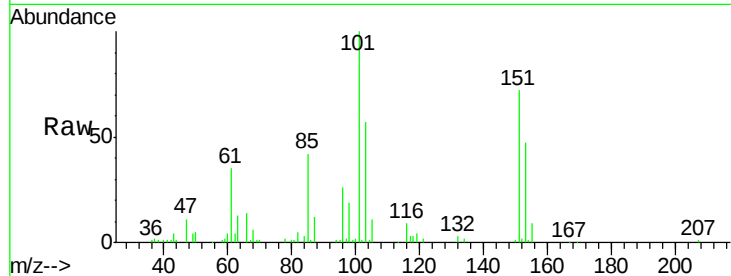
ClientSampleId :

VY0127SBS01

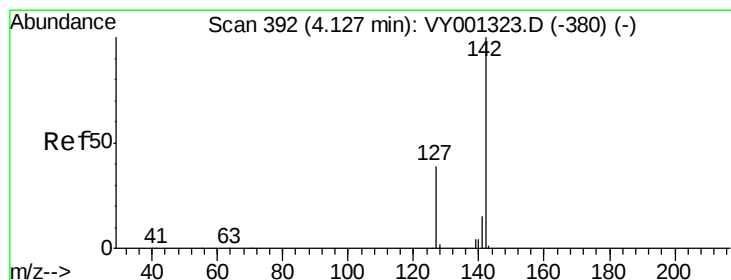
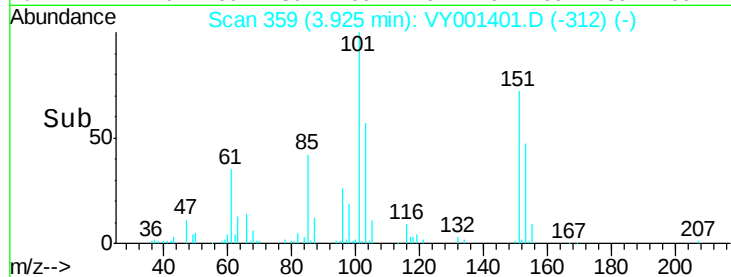
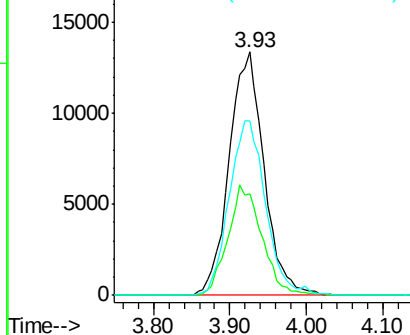
Tot Ion:	101	Resp:	42198
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.9	52.3
151	75.1	59.9	89.9

Manual Integrations
APPROVED

MMDadoda
1/28/2020 3:40:29 PM



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.173 ug/l

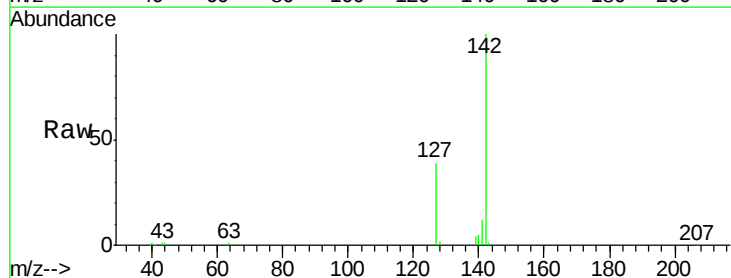
RT: 4.11 min Scan# 389

Delta R.T. -0.02 min

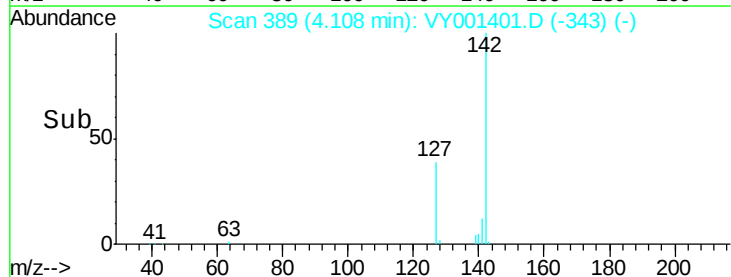
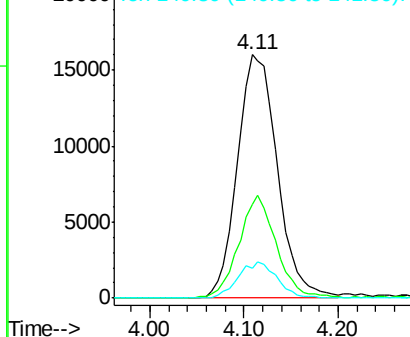
Lab File: VY001401.D

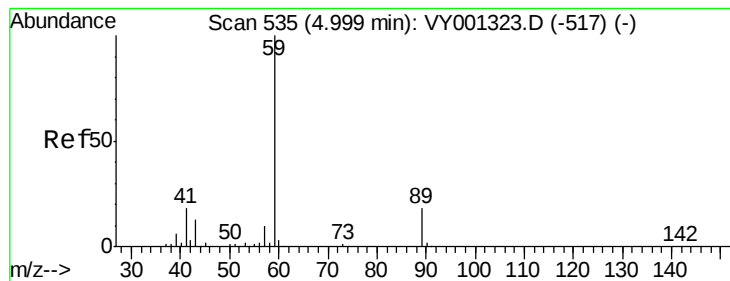
Acq: 27 Jan 2020 13:32

Tgt Ion:	142	Resp:	47460
Ion Ratio	Lower	Upper	
142	100		
127	39.4	31.6	47.4
141	14.3	11.2	16.8



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

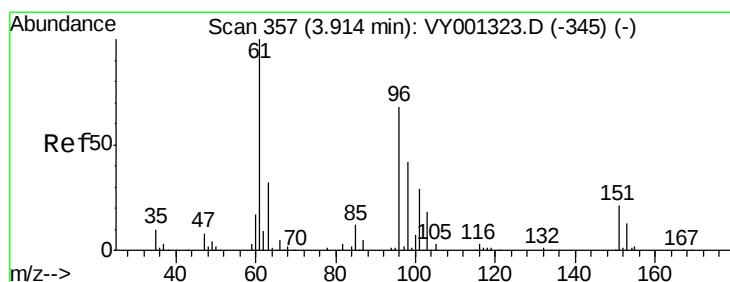
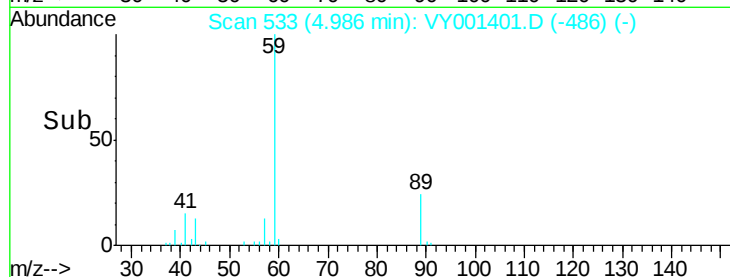
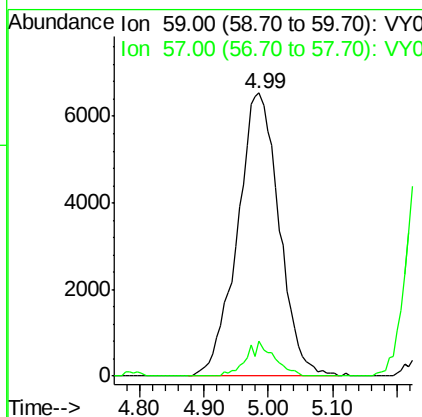
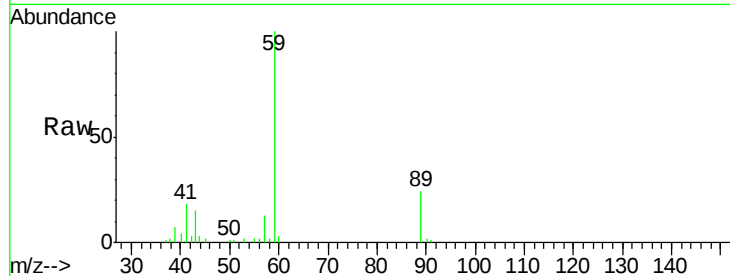
Tert butyl alcohol
 Concen: 91.151 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VY001401.D
 Acq: 27 Jan 2020 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.2	7.4	11.2

Manual Integrations
 APPROVED

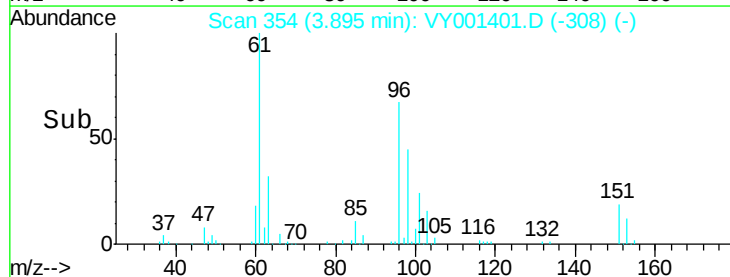
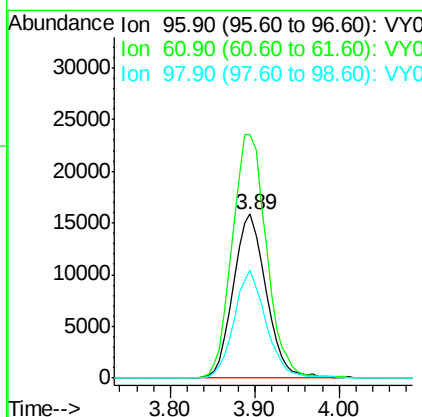
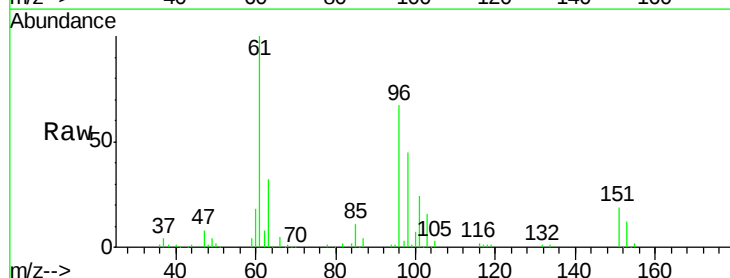
MMDadoda
 1/28/2020 3:40:29 PM

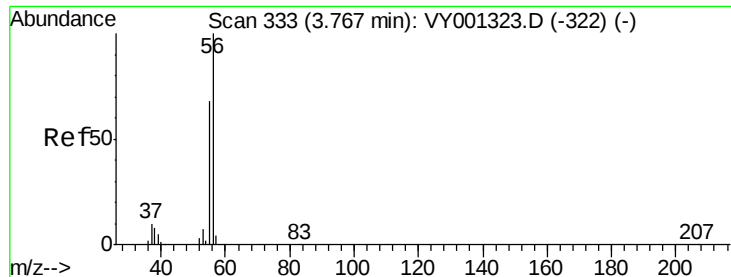


#12

1,1-Dichloroethene
 Concen: 19.116 ug/l
 RT: 3.89 min Scan# 354
 Delta R.T. -0.02 min
 Lab File: VY001401.D
 Acq: 27 Jan 2020 13:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.6	118.0	177.0
98	66.2	49.4	74.2





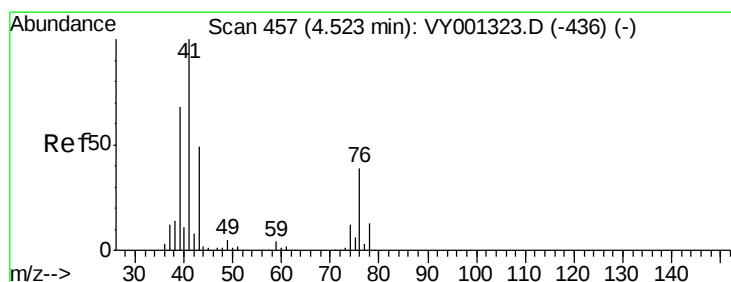
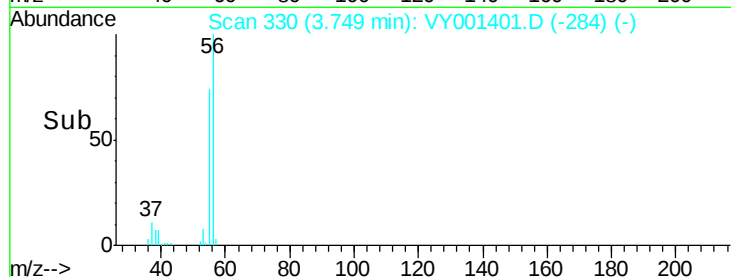
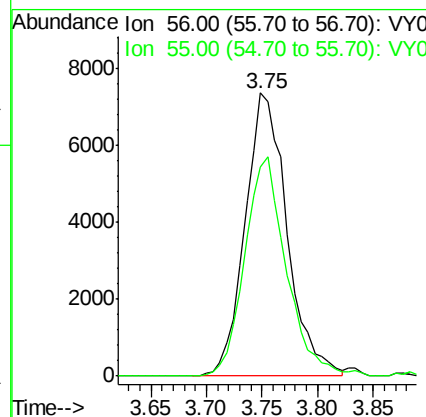
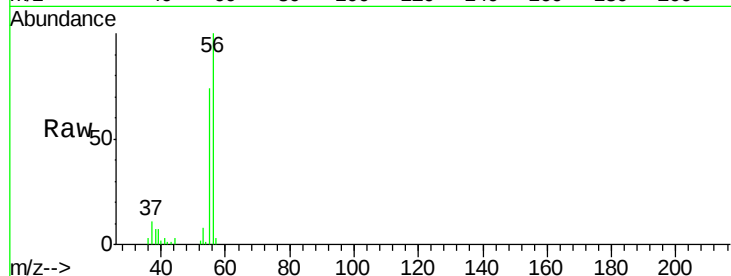
#13
Acrolein
Concen: 108.320 ug/l
RT: 3.75 min Scan# 330
Delta R.T. -0.02 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	76.7	55.9	83.9

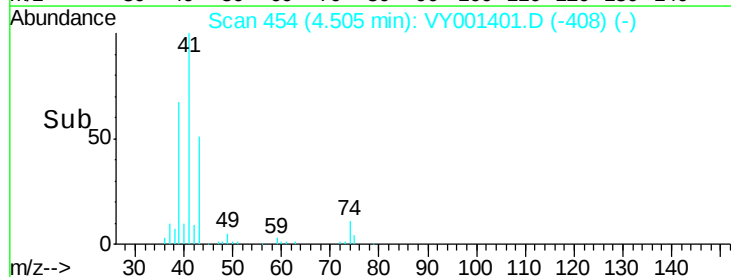
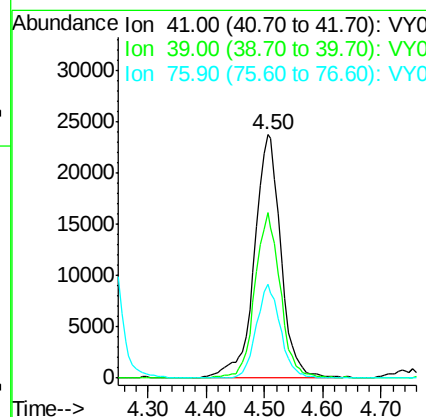
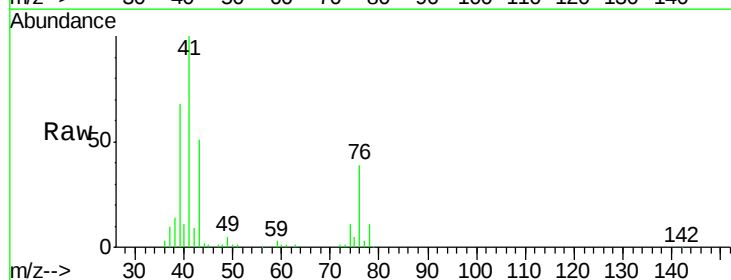
Manual Integrations
APPROVED

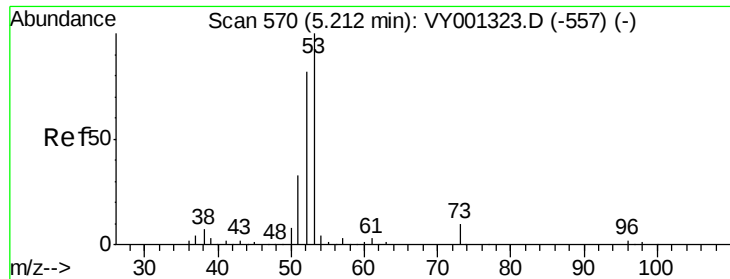
MMDadoda
1/28/2020 3:40:29 PM



#14
Allyl chloride
Concen: 19.180 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.02 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.8	52.2	78.4
76	34.8	29.1	43.7





#15

Acrylonitrile

Concen: 95.287 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.02 min

Lab File: VY001401.D

Acq: 27 Jan 2020 13:32

Instrument :

MSVOA_Y

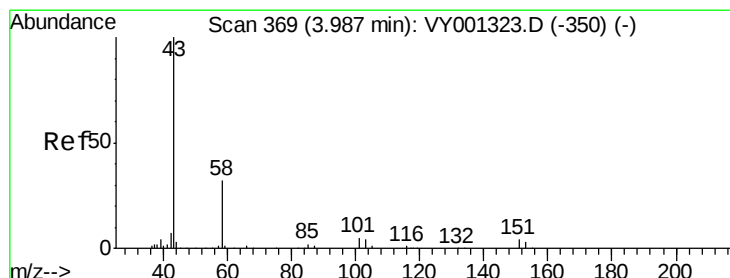
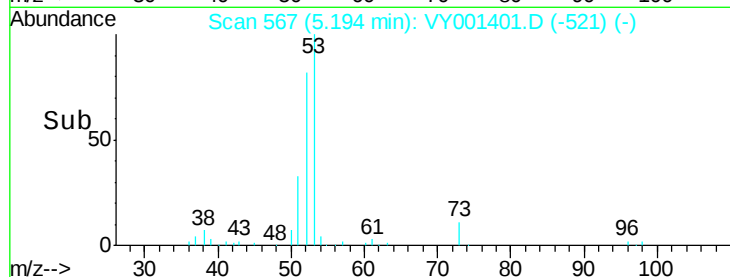
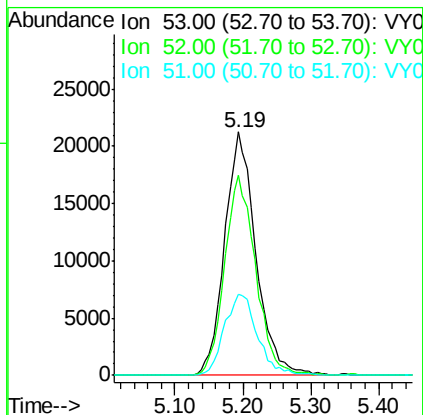
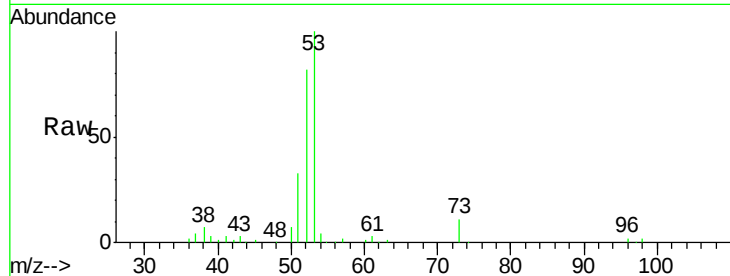
ClientSampleId :

VY0127SBS01

Tot Ion:	53	Resp:	67747
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.3	97.9
51	35.4	28.4	42.6

Manual Integrations
APPROVED

MMDadoda
1/28/2020 3:40:29 PM



#16

Acetone

Concen: 104.987 ug/l

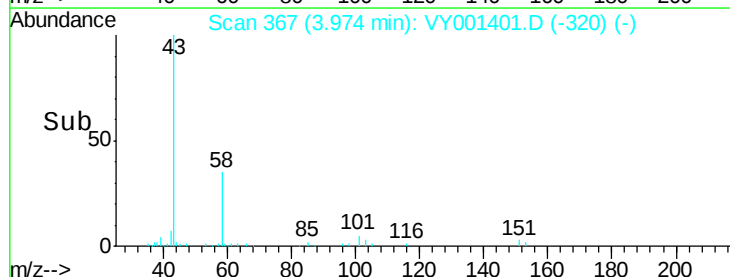
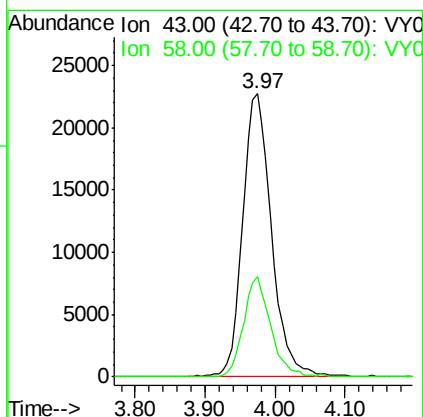
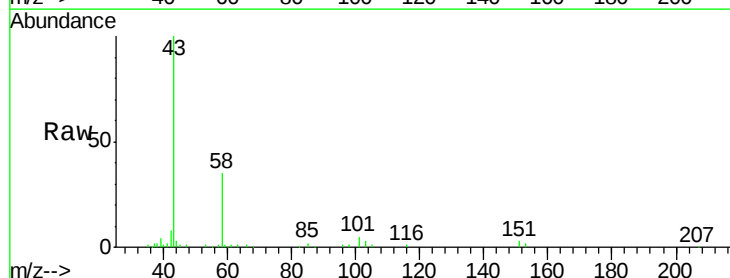
RT: 3.97 min Scan# 367

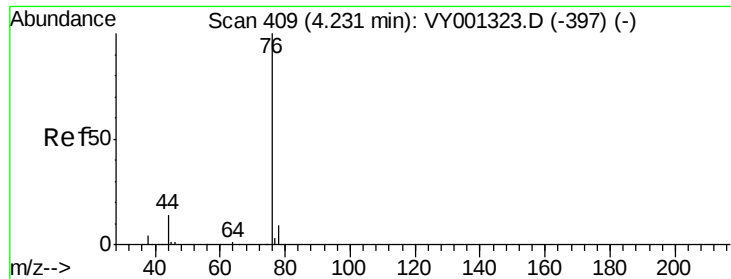
Delta R.T. -0.01 min

Lab File: VY001401.D

Acq: 27 Jan 2020 13:32

Tgt Ion:	43	Resp:	64880
Ion	Ratio	Lower	Upper
43	100		
58	35.3	25.4	38.0





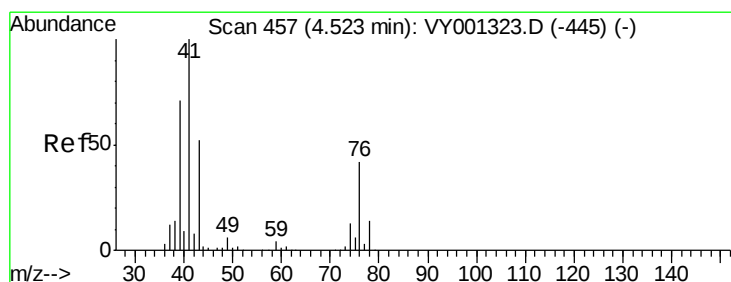
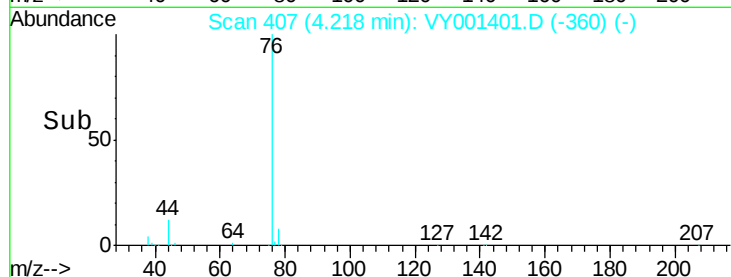
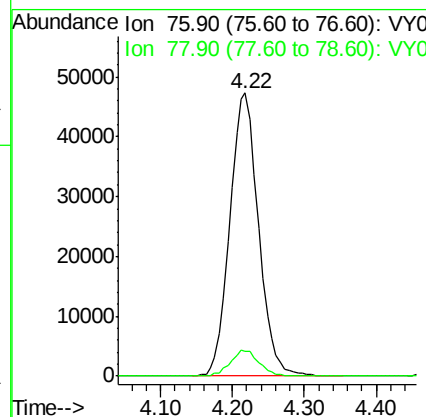
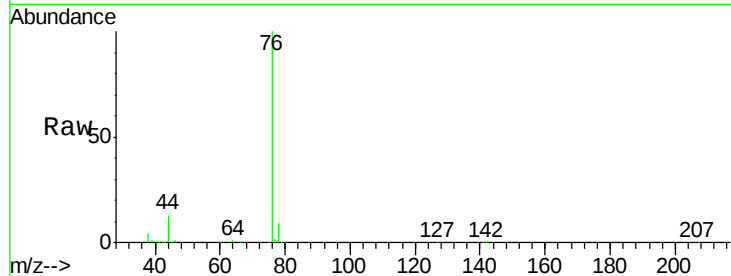
#17
Carbon Disulfide
Concen: 18.961 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion: 76 Resp: 131015
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6

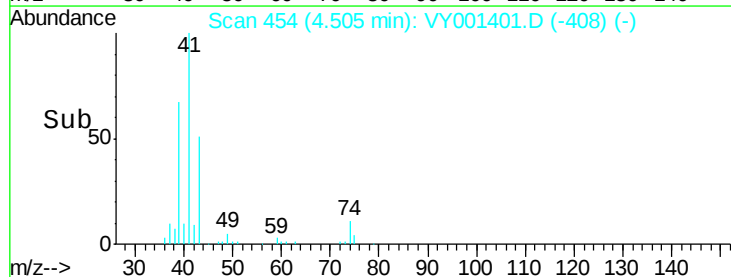
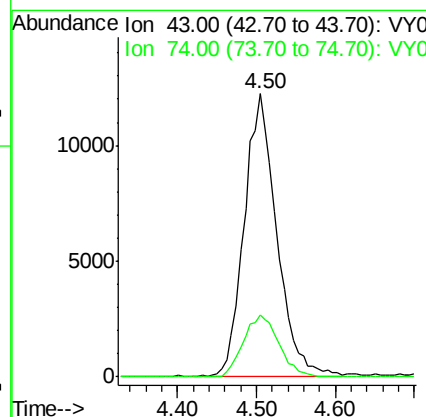
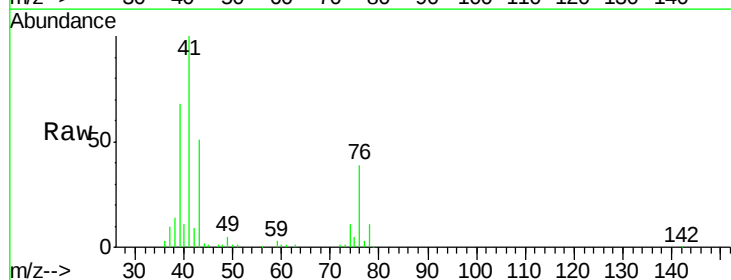
Manual Integrations
APPROVED

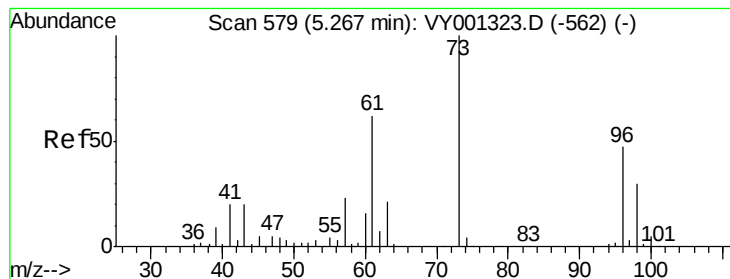
MMDadoda
1/28/2020 3:40:29 PM



#18
Methyl Acetate
Concen: 18.562 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.02 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Tgt Ion: 43 Resp: 35245
Ion Ratio Lower Upper
43 100
74 23.6 19.4 29.2





#19

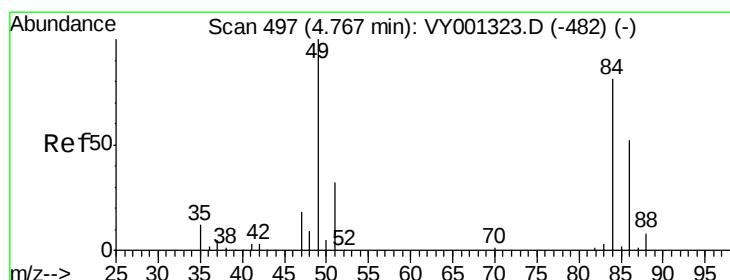
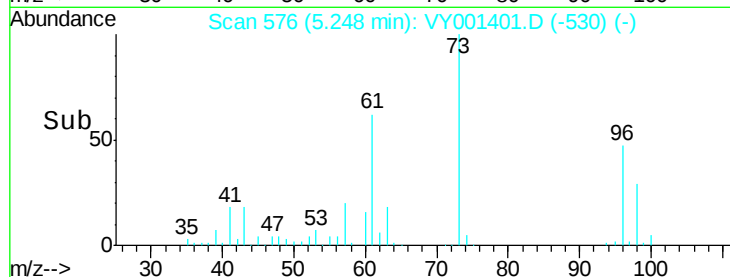
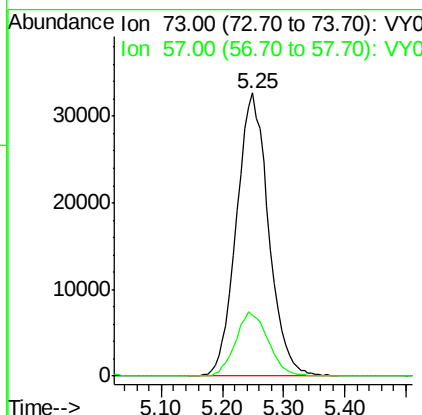
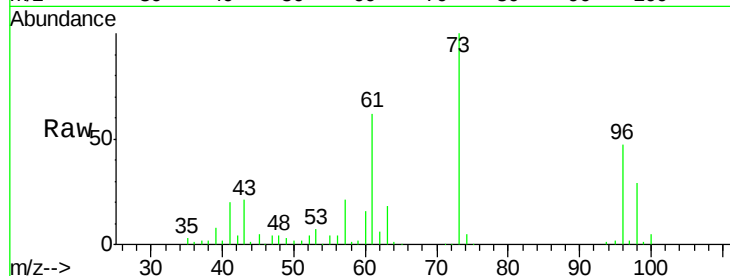
Methyl tert-butyl Ether
 Concen: 18.511 ug/l
 RT: 5.25 min Scan# 576
 Delta R.T. -0.02 min
 Lab File: VY001401.D
 Acq: 27 Jan 2020 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Tot Ion: 73 Resp: 119079
 Ion Ratio Lower Upper
 73 100
 57 21.3 18.2 27.2

Manual Integrations
 APPROVED

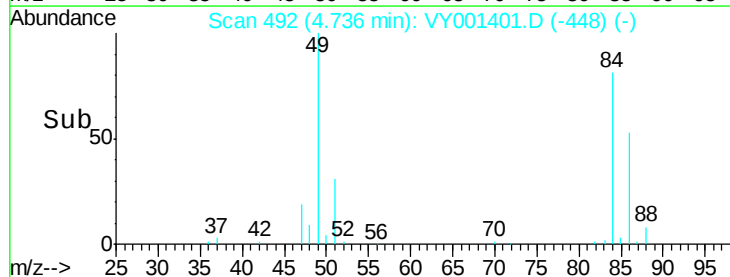
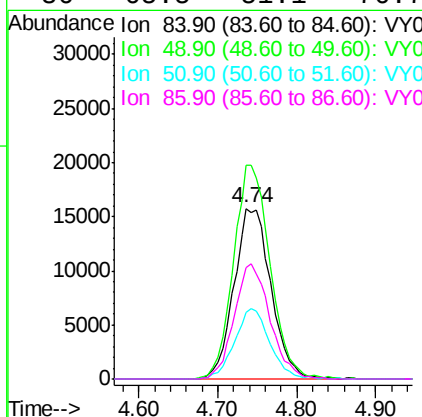
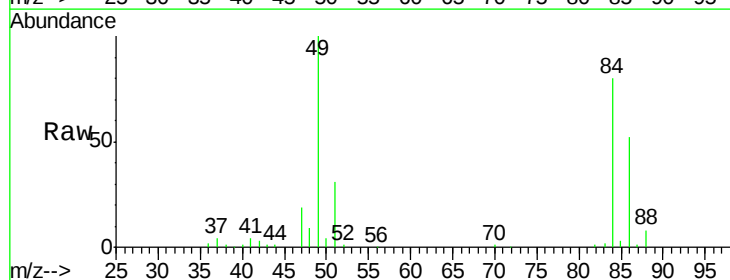
MMDadoda
 1/28/2020 3:40:29 PM

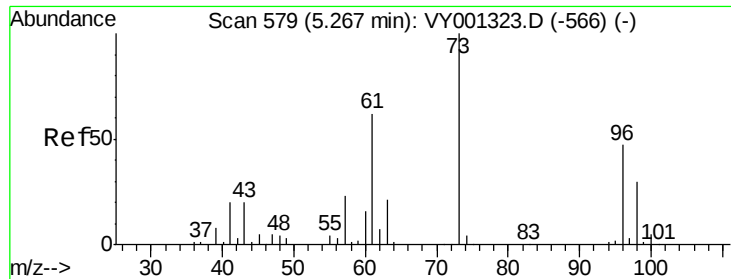


#20

Methylene Chloride
 Concen: 15.565 ug/l
 RT: 4.74 min Scan# 492
 Delta R.T. -0.03 min
 Lab File: VY001401.D
 Acq: 27 Jan 2020 13:32

Tgt Ion: 84 Resp: 51392
 Ion Ratio Lower Upper
 84 100
 49 125.1 98.3 147.5
 51 39.0 31.6 47.4
 86 65.5 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 18.400 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.02 min

Lab File: VY001401.D

Acq: 27 Jan 2020 13:32

Instrument :

MSVOA_Y

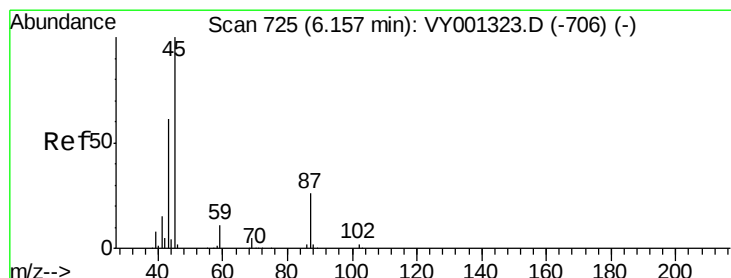
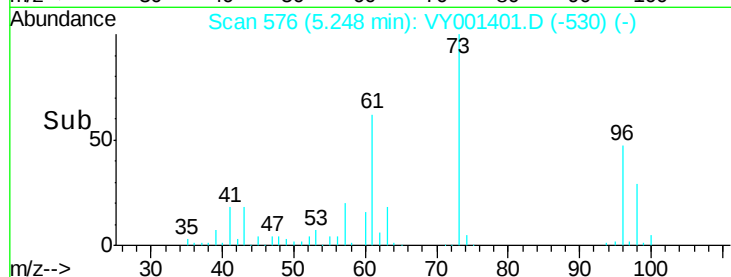
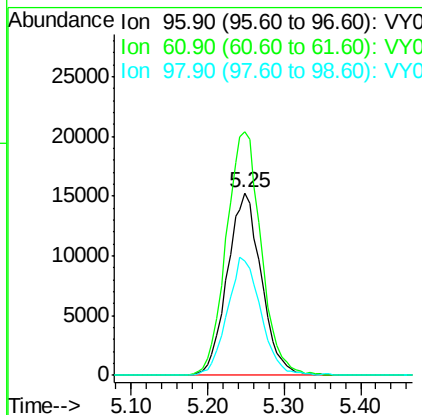
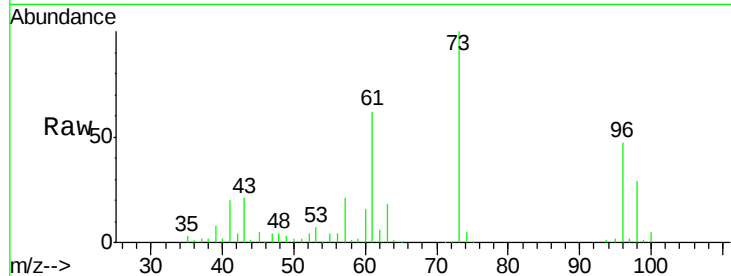
ClientSampleId :

VY0127SBS01

Tot Ion:	96	Resp:	46957
Ion	Ratio	Lower	Upper
96	100		
61	133.4	106.8	160.2
98	62.5	51.0	76.6

Manual Integrations
APPROVED

MMDadoda
1/28/2020 3:40:29 PM



#22

Diisopropyl ether

Concen: 17.946 ug/l

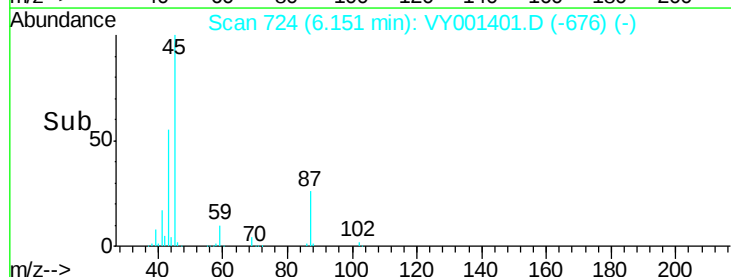
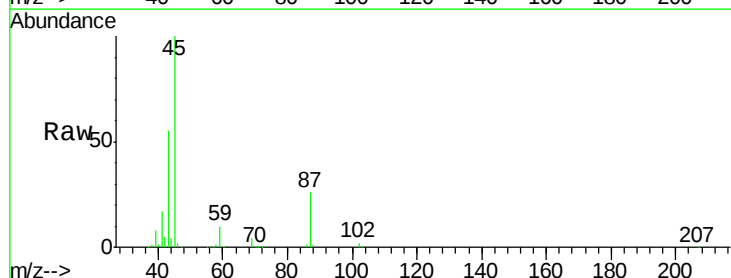
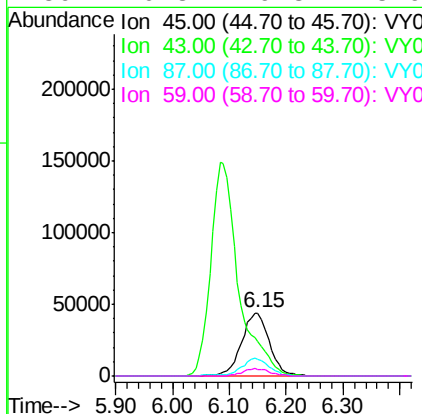
RT: 6.15 min Scan# 724

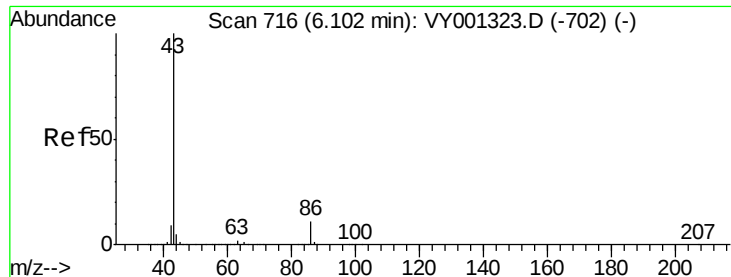
Delta R.T. -0.01 min

Lab File: VY001401.D

Acq: 27 Jan 2020 13:32

Tgt Ion:	45	Resp:	149304
Ion	Ratio	Lower	Upper
45	100		
43	54.9	49.2	73.8
87	25.8	21.4	32.2
59	10.3	9.3	13.9





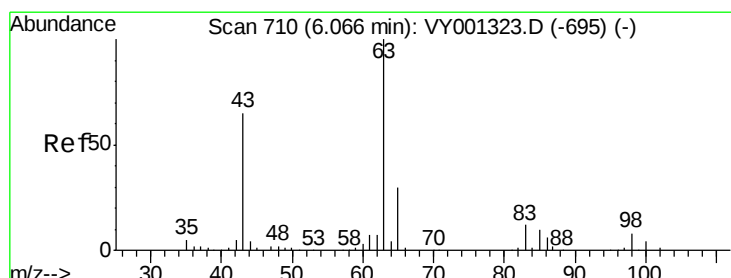
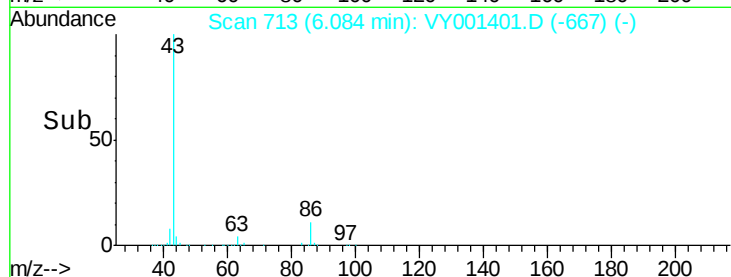
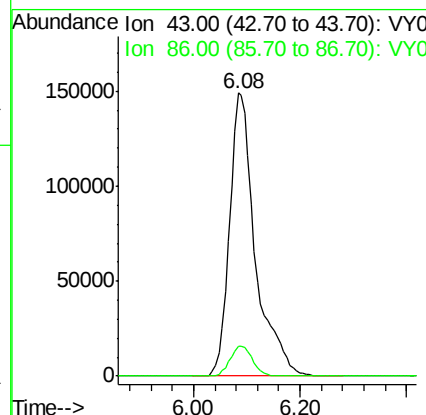
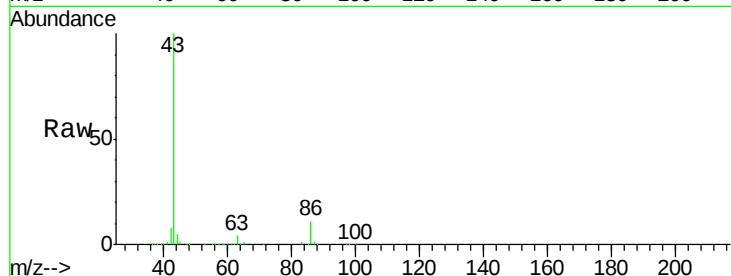
#23
 Vinyl Acetate
 Concen: 93.358 ug/l
 RT: 6.08 min Scan# 713
 Delta R.T. -0.02 min
 Lab File: VY001401.D
 Acq: 27 Jan 2020 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Tot Ion: 43 Resp: 504249
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 13.0

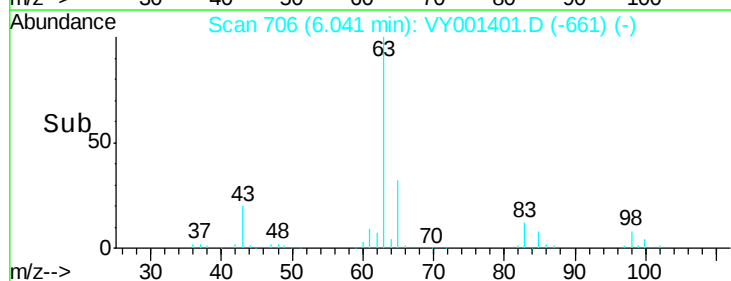
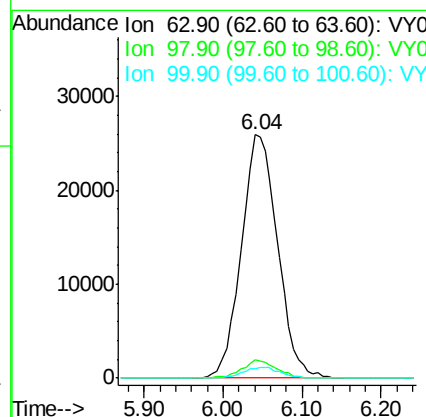
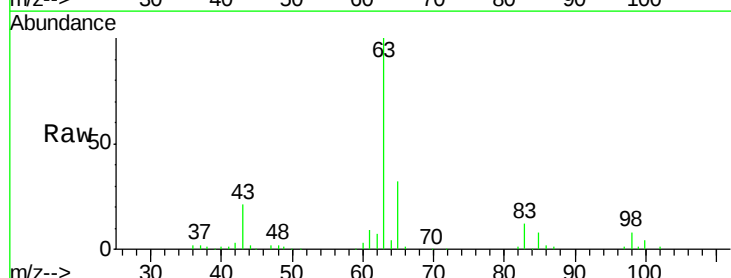
Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 3:40:29 PM



#24
 1,1-Dichloroethane
 Concen: 18.853 ug/l
 RT: 6.04 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: VY001401.D
 Acq: 27 Jan 2020 13:32

Tgt Ion: 63 Resp: 82676
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 12.0
 100 3.8 2.1 6.3





#25

2-Butanone

Concen: 96.486 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001401.D

Acq: 27 Jan 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBS01

Tot Ion: 43 Resp: 94559

Ion Ratio Lower Upper

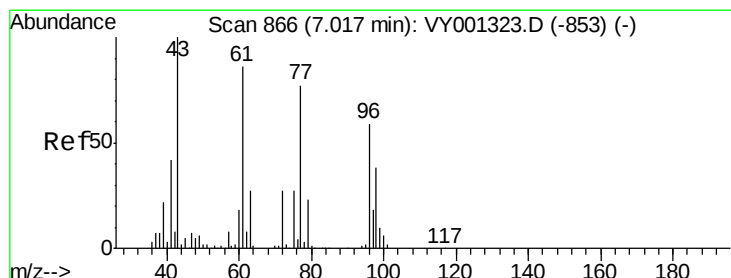
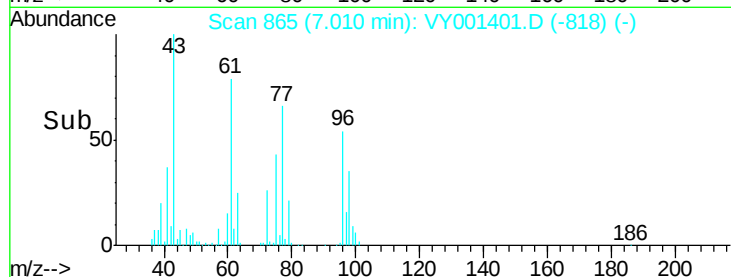
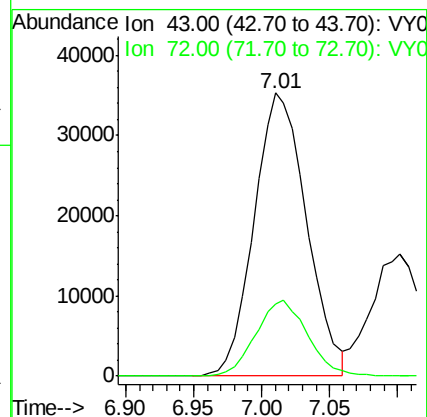
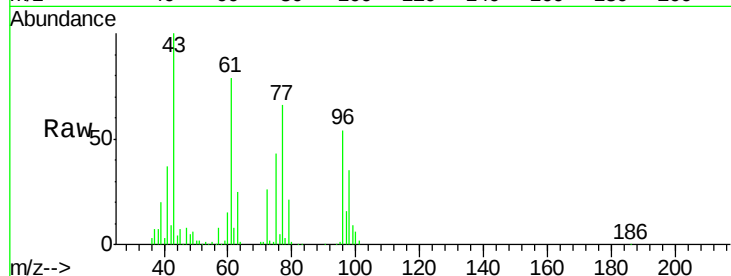
43 100

72 25.6 20.6 31.0

Manual Integrations
APPROVED

MMDadoda

1/28/2020 3:40:29 PM



#26

2,2-Dichloropropane

Concen: 18.649 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001401.D

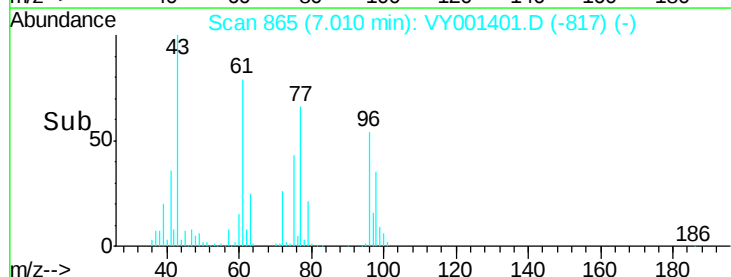
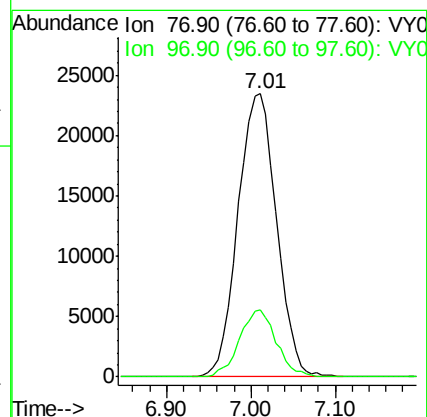
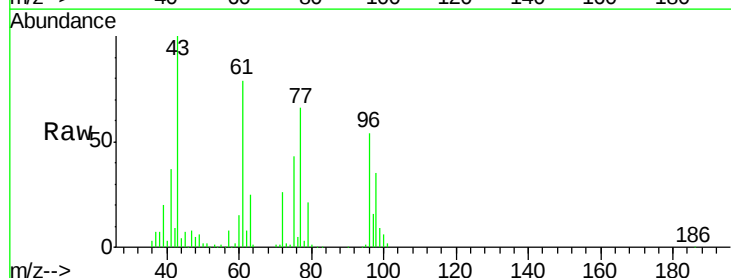
Acq: 27 Jan 2020 13:32

Tgt Ion: 77 Resp: 72848

Ion Ratio Lower Upper

77 100

97 22.5 11.9 35.5





#27

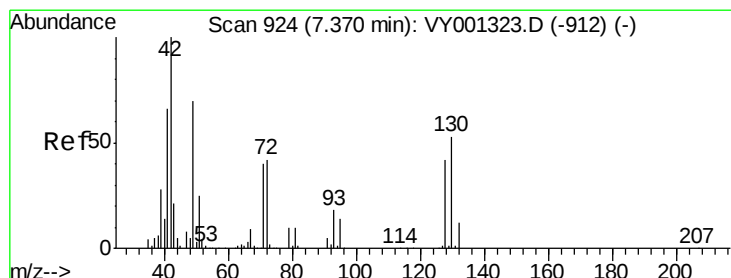
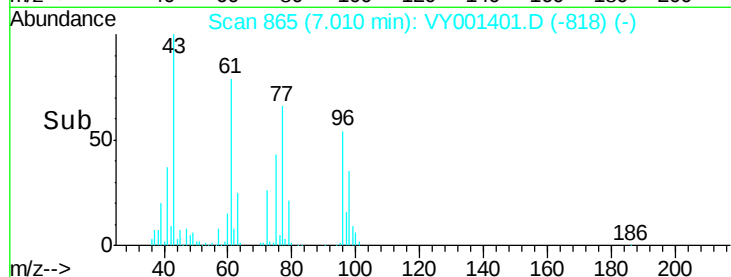
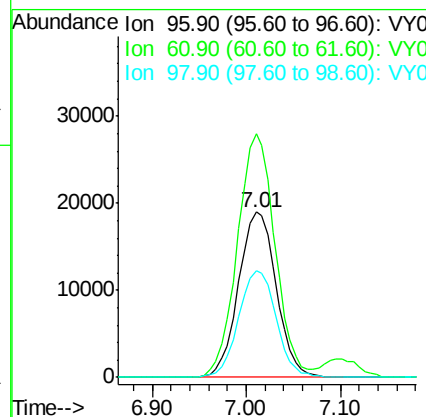
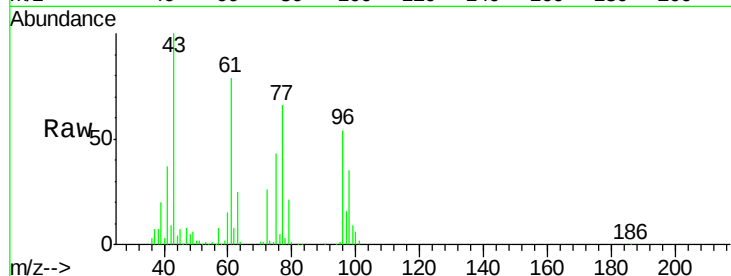
cis-1,2-Dichloroethene
Concen: 18.552 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.7	0.0	284.8
98	64.2	0.0	128.4

Manual Integrations
APPROVED

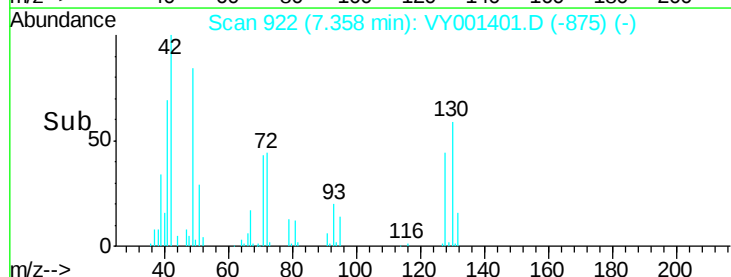
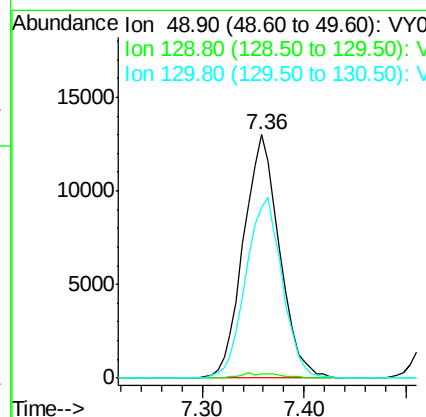
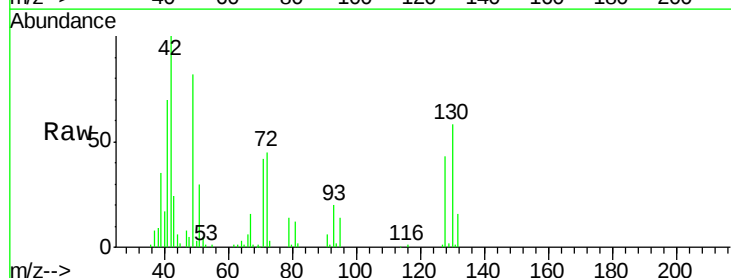
MMDadoda
1/28/2020 3:40:29 PM

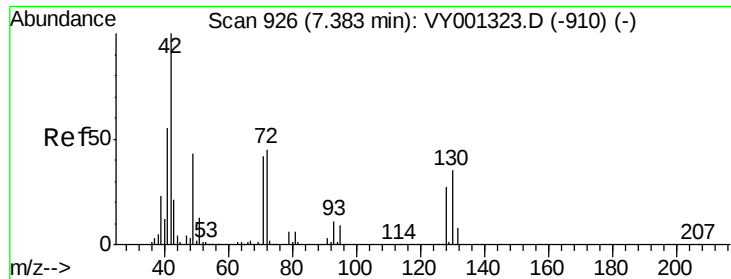


#28

Bromochloromethane
Concen: 17.637 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.0
130	75.3	58.9	88.3





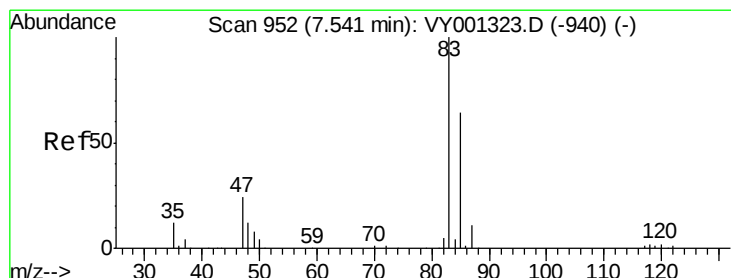
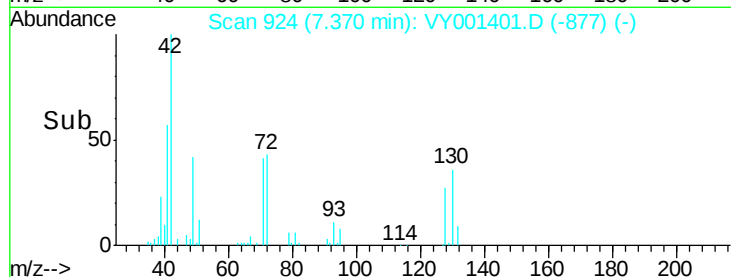
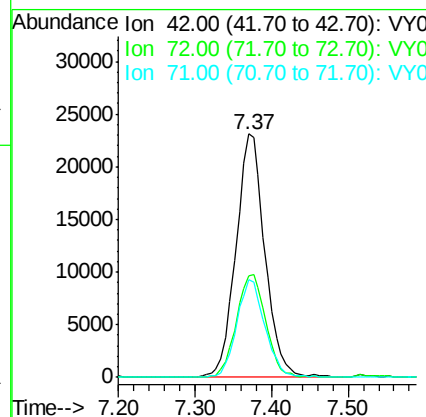
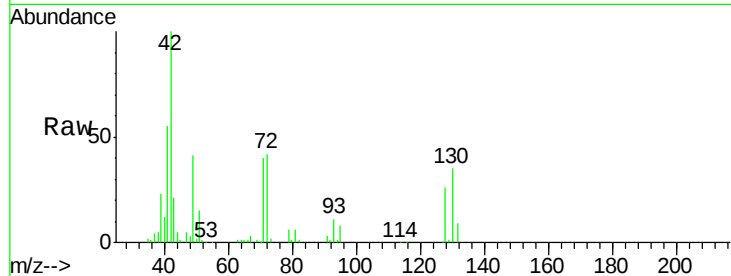
#29
Tetrahydrofuran
Concen: 95.007 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.6	51.8
71	38.9	32.6	48.8

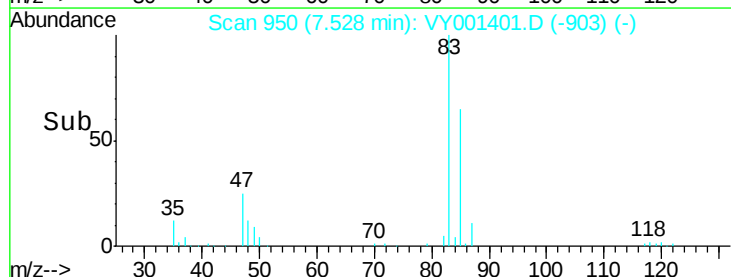
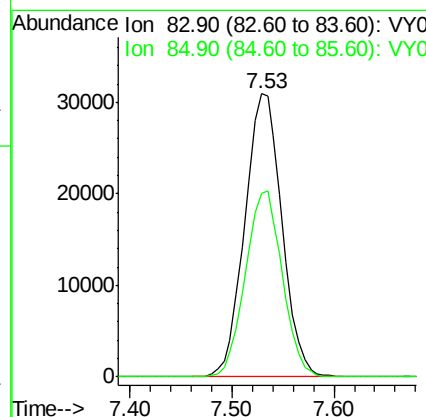
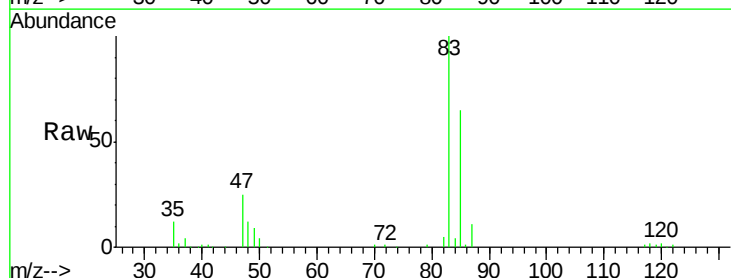
Manual Integrations
APPROVED

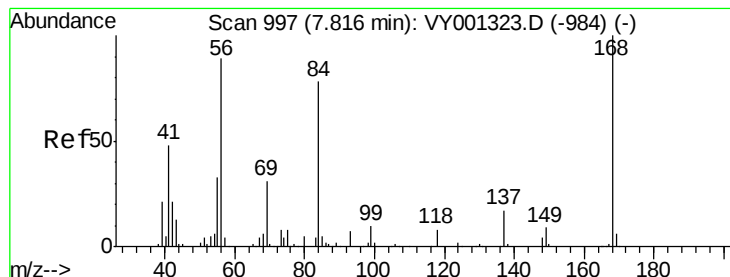
MMDadoda
1/28/2020 3:40:29 PM



#30
Chloroform
Concen: 18.200 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.5	77.3





#31

Cyclohexane

Concen: 19.199 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001401.D

Acq: 27 Jan 2020 13:32

Instrument :

MSVOA_Y

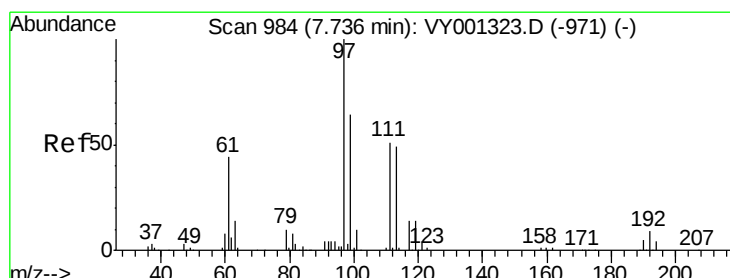
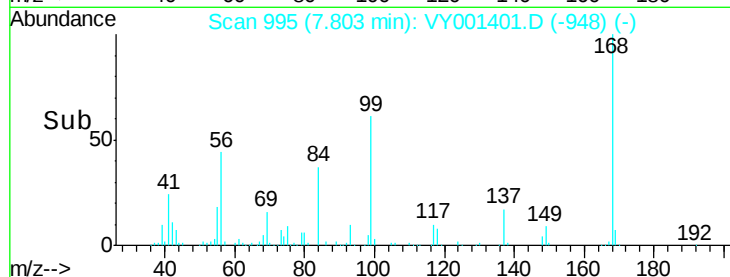
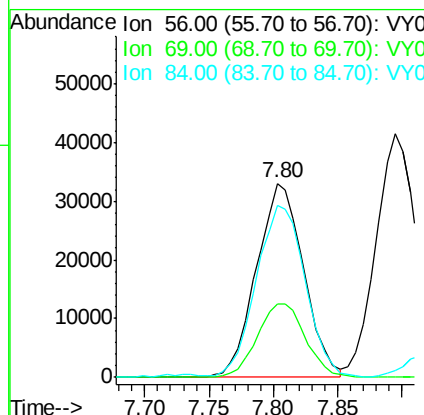
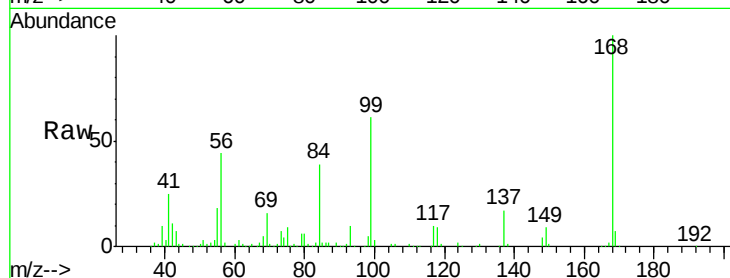
ClientSampleId :

VY0127SBS01

Tot Ion:	56	Resp:	83593
Ion	Ratio	Lower	Upper
56	100		
69	37.8	27.6	41.4
84	87.4	69.7	104.5

Manual Integrations
APPROVED

MMDadoda
1/28/2020 3:40:29 PM



#32

1,1,1-Trichloroethane

Concen: 19.060 ug/l

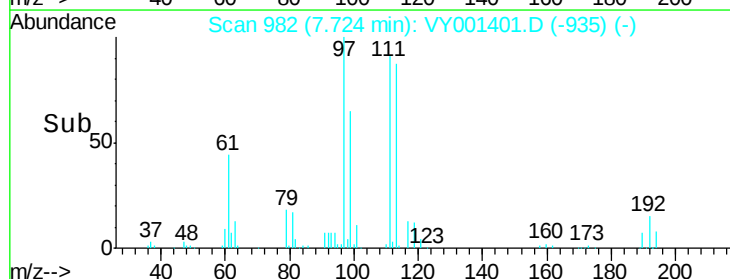
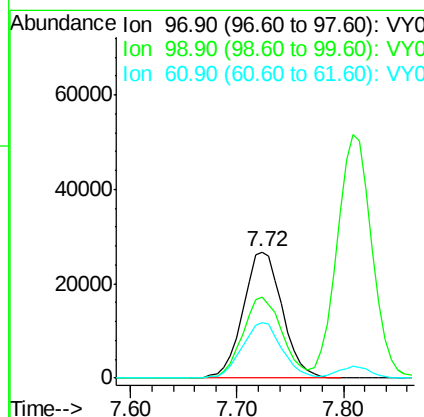
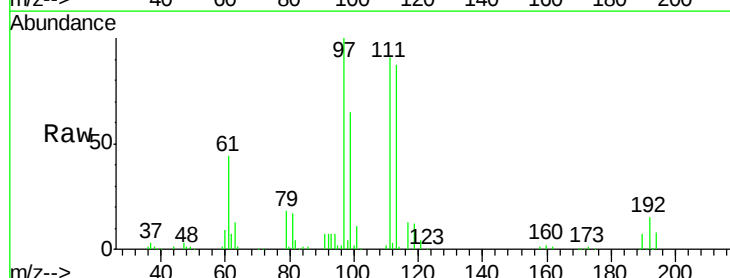
RT: 7.72 min Scan# 982

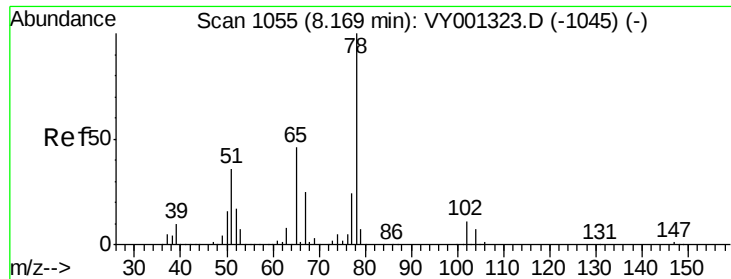
Delta R.T. -0.01 min

Lab File: VY001401.D

Acq: 27 Jan 2020 13:32

Tgt Ion:	97	Resp:	69175
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.3	76.9
61	44.5	35.9	53.9





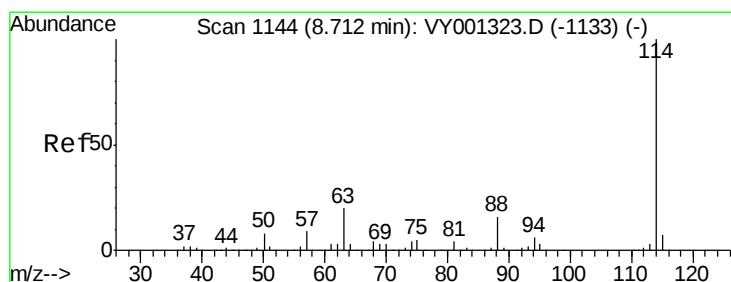
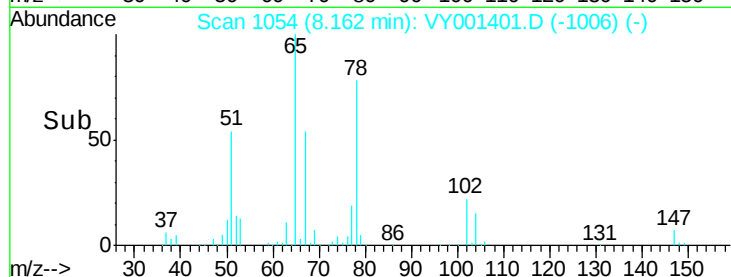
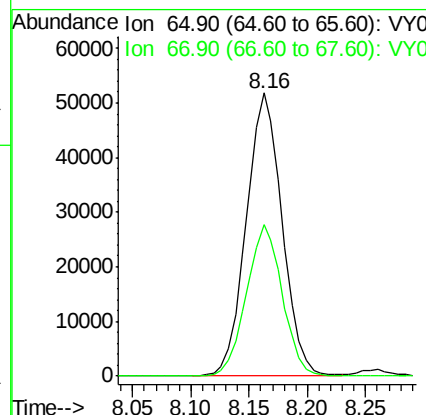
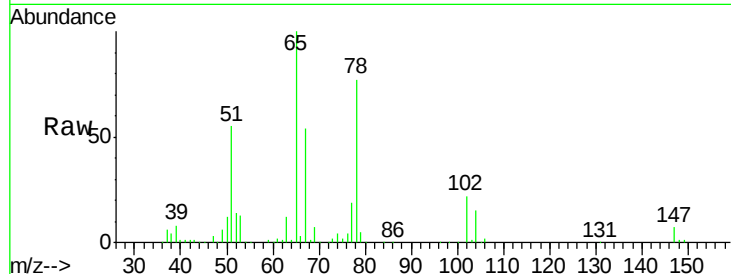
#33
 1,2-Dichloroethane-d4
 Concen: 49.439 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001401.D
 Acq: 27 Jan 2020 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.4	0.0	108.6	

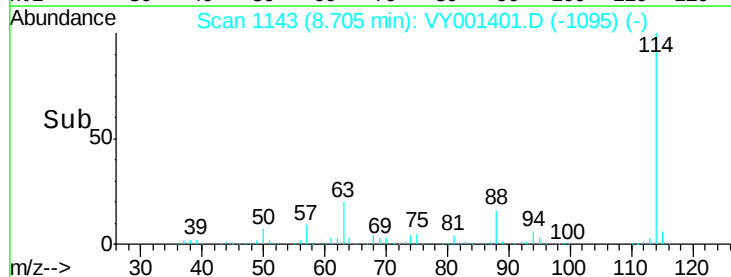
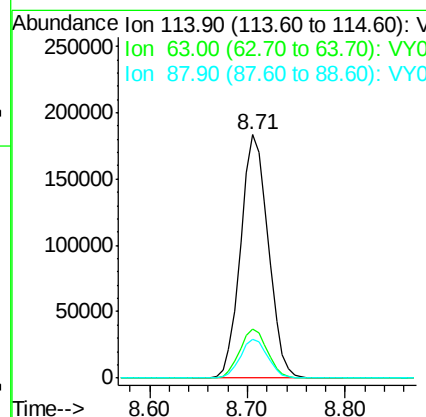
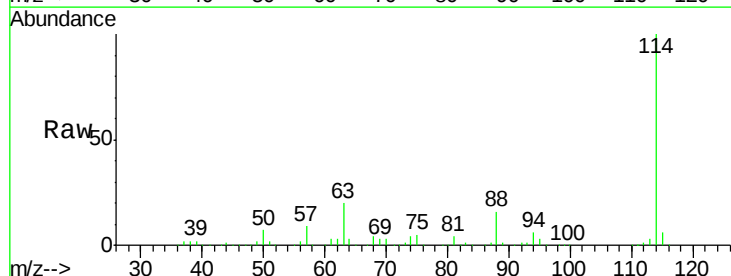
Manual Integrations
 APPROVED

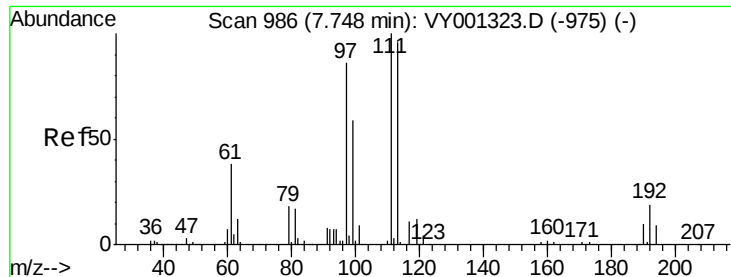
MMDadoda
 1/28/2020 3:40:29 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001401.D
 Acq: 27 Jan 2020 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.4	0.0	40.8	
88	16.0	0.0	31.0	





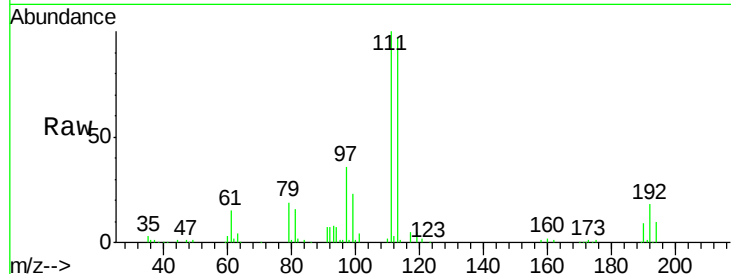
#35
 Dibromofluoromethane
 Concen: 48.464 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001401.D
 Acq: 27 Jan 2020 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

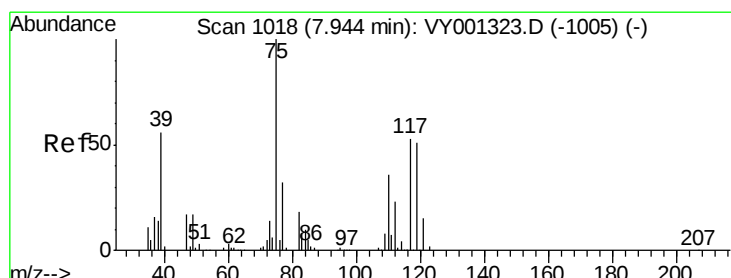
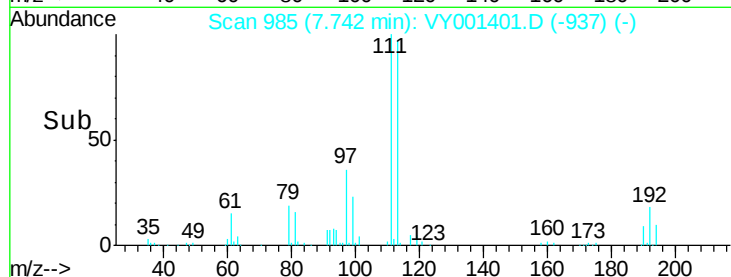
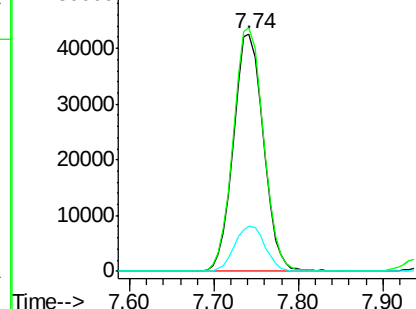
Tot Ion	Ratio	Resp	Lower	Upper
113	100	102202		
111	103.7	82.8	124.2	
192	19.4	15.5	23.3	

Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 3:40:29 PM

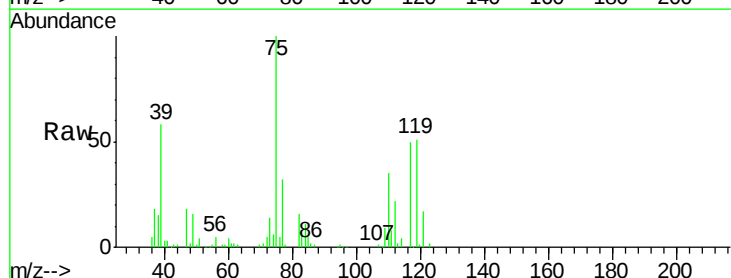


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

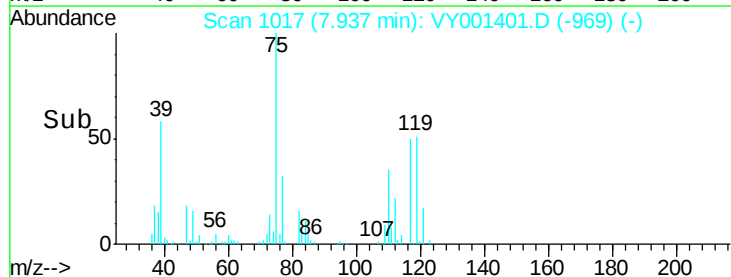
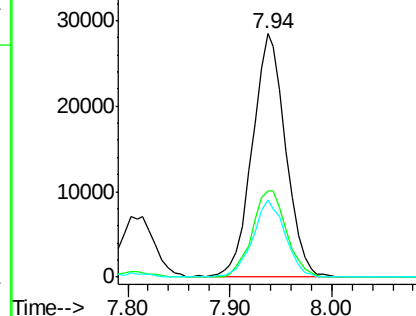


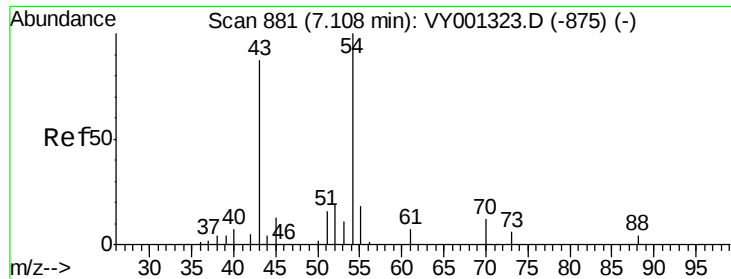
#36
 1,1-Dichloropropene
 Concen: 19.066 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY001401.D
 Acq: 27 Jan 2020 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	64722		
110	36.4	17.6	52.8	
77	30.9	24.7	37.1	



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0





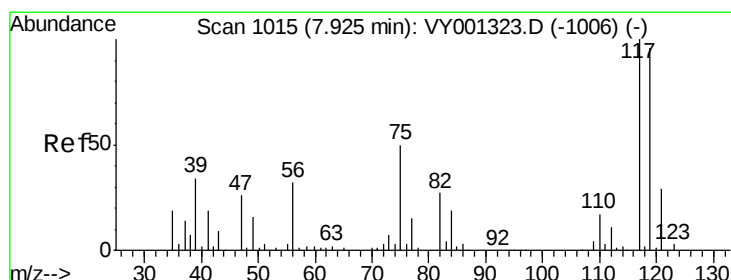
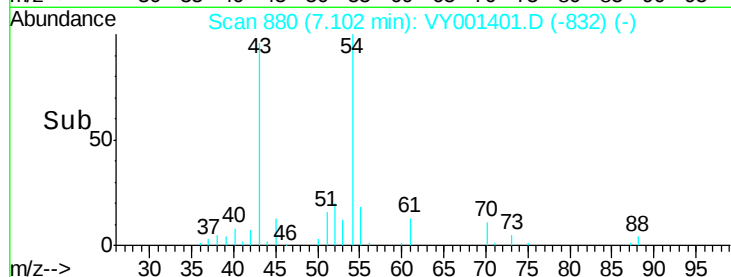
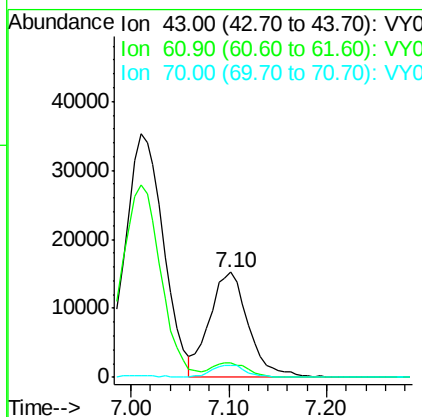
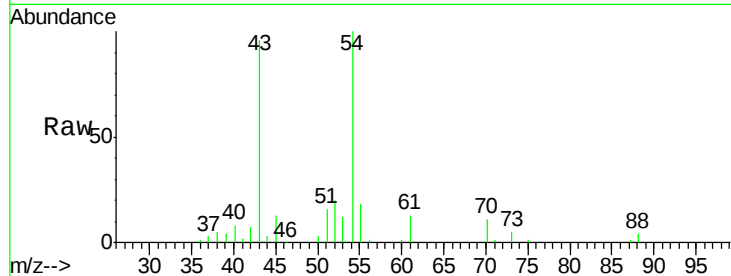
#37
Ethyl Acetate
Concen: 19.952 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.01 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.3	16.9
70	11.2	8.7	13.1

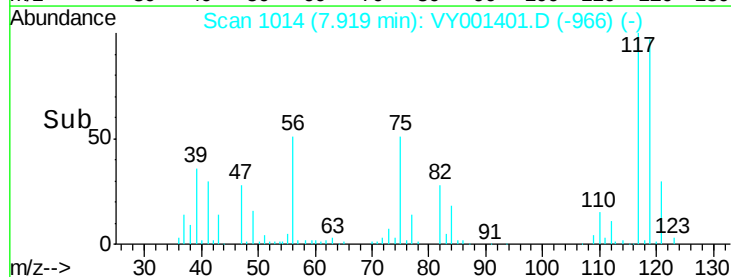
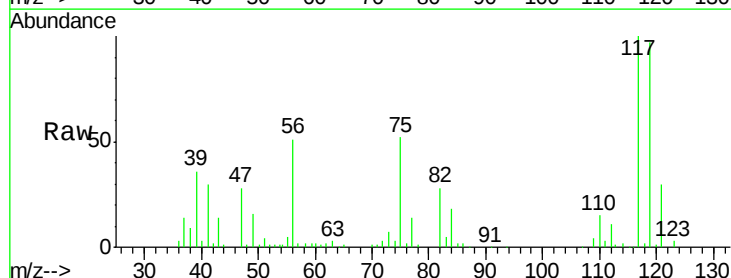
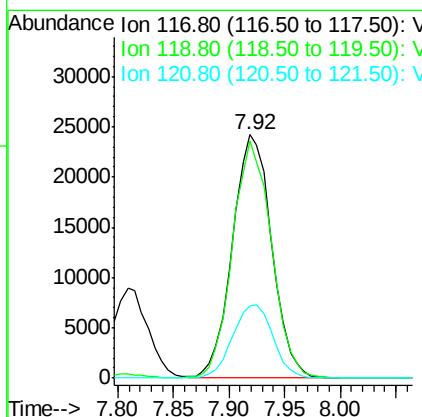
Manual Integrations
APPROVED

MMDadoda
1/28/2020 3:40:29 PM



#38
Carbon Tetrachloride
Concen: 19.643 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.3	114.5
121	29.7	23.5	35.3





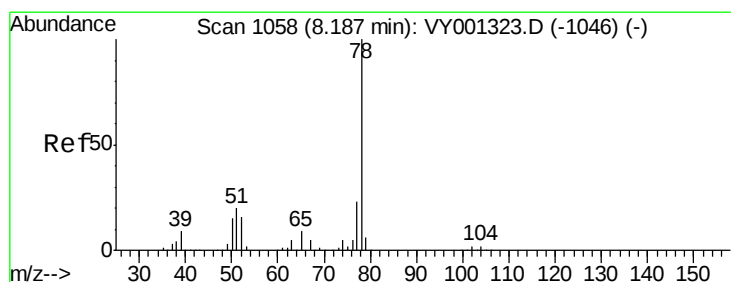
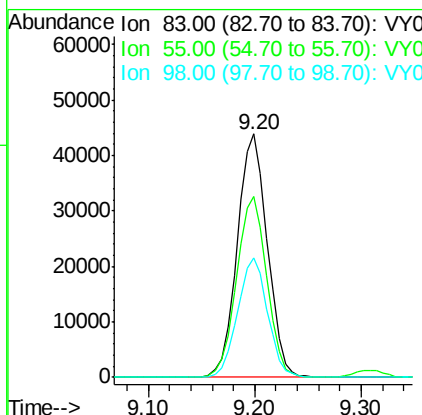
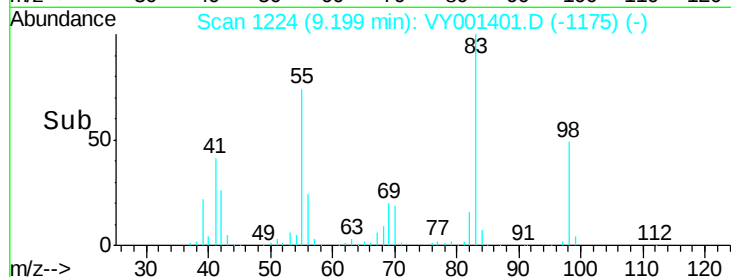
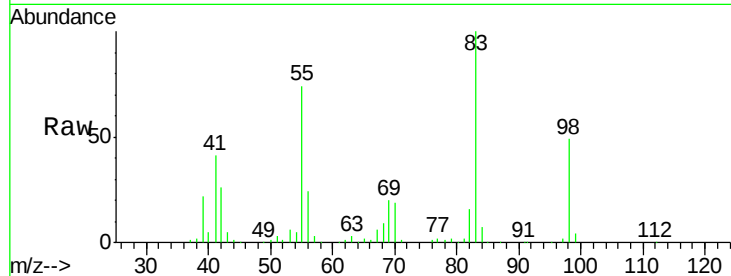
#39
Methvlcvclohexane
Concen: 20.011 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	83	Resp	87020
Ion Ratio	100	Lower	Upper
83	100		
55	74.3	60.7	91.1
98	49.1	37.8	56.8

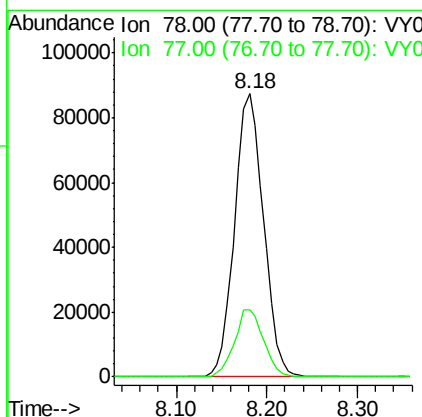
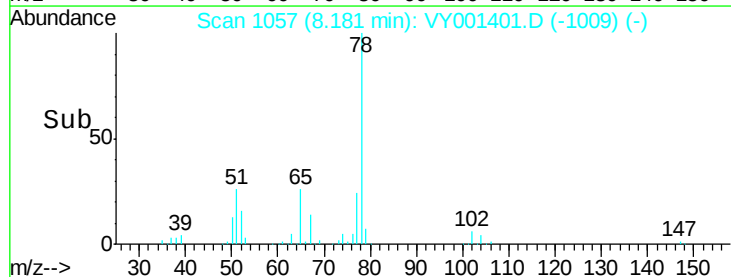
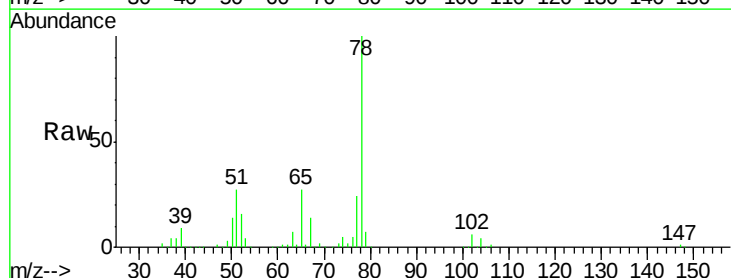
Manual Integrations
APPROVED

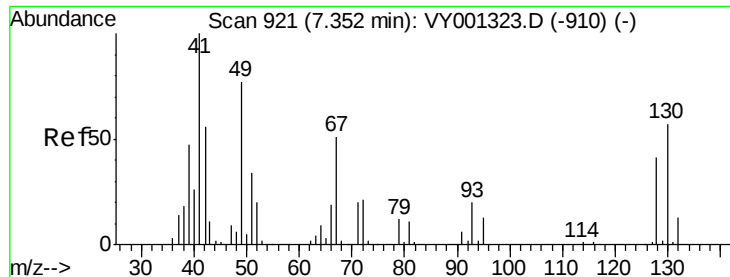
MMDadoda
1/28/2020 3:40:29 PM



#40
Benzene
Concen: 19.003 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Tgt Ion	78	Resp	193423
Ion Ratio	100	Lower	Upper
78	100		
77	23.7	18.6	27.8





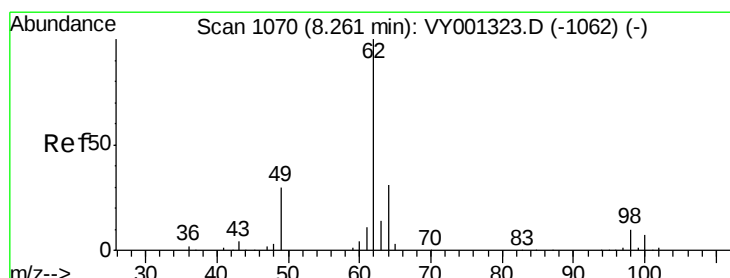
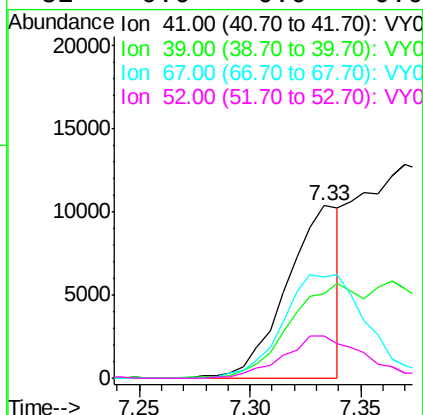
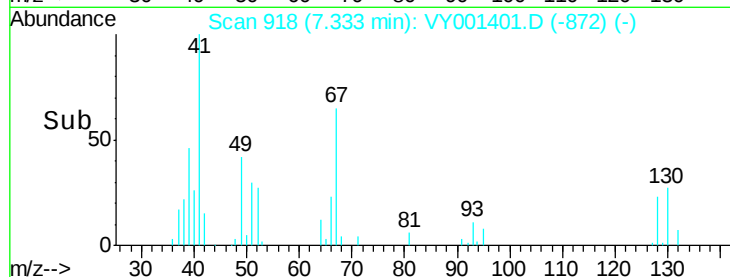
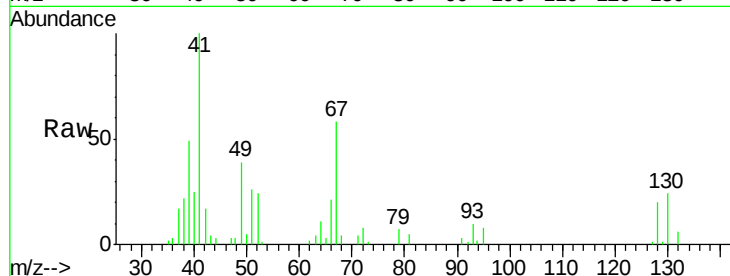
#41
Methacrylonitrile
Concen: 16.447 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. -0.02 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

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

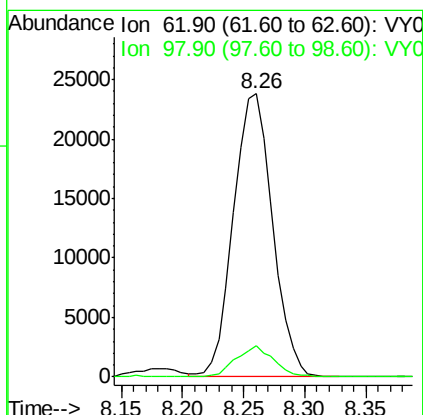
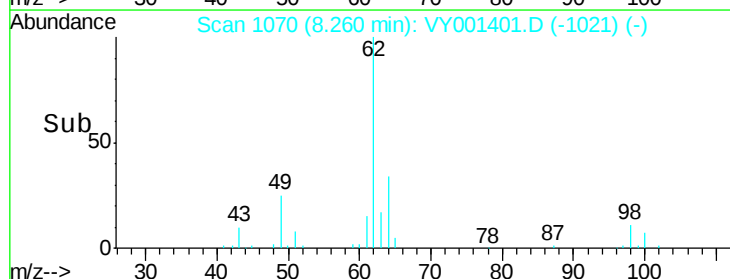
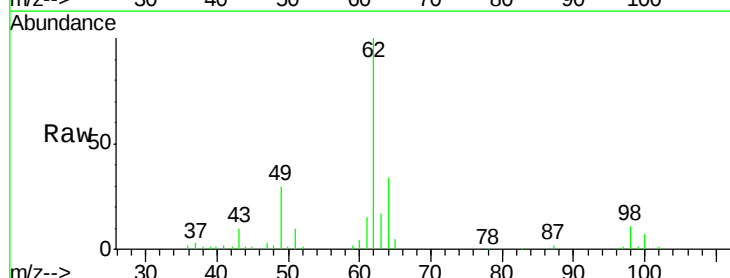
Manual Integrations
APPROVED

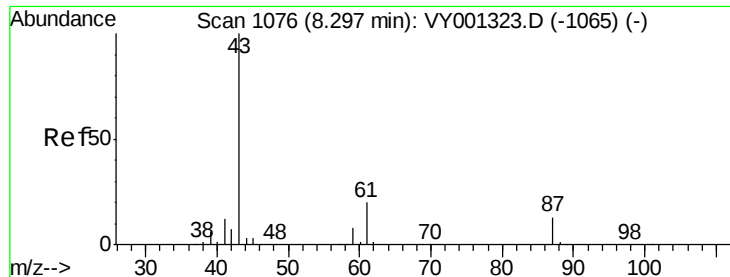
MMDadoda
1/28/2020 3:40:29 PM



#42
1,2-Dichloroethane
Concen: 18.659 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.8





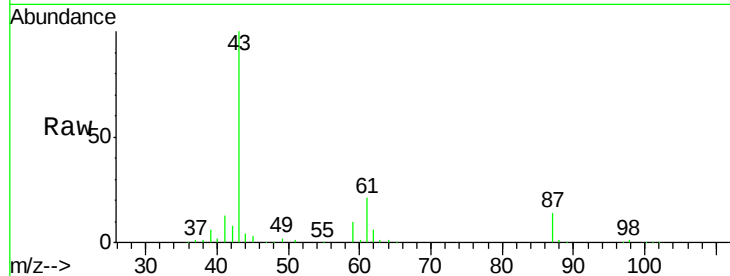
#43
Isopropyl Acetate
Concen: 19.318 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

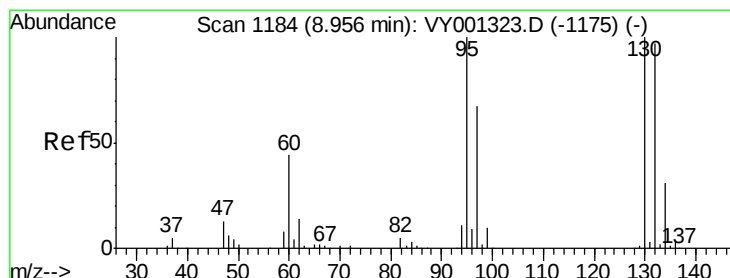
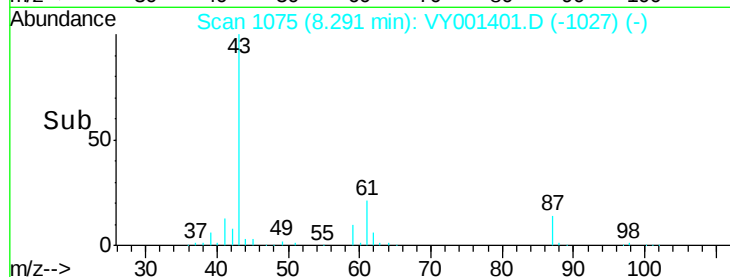
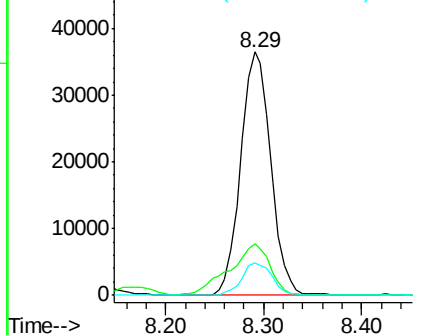
Tot Ion	Ratio	Lower	Upper
43	100		
61	28.4	22.7	34.1
87	13.5	11.0	16.4

Manual Integrations
APPROVED

MMDadoda
1/28/2020 3:40:29 PM

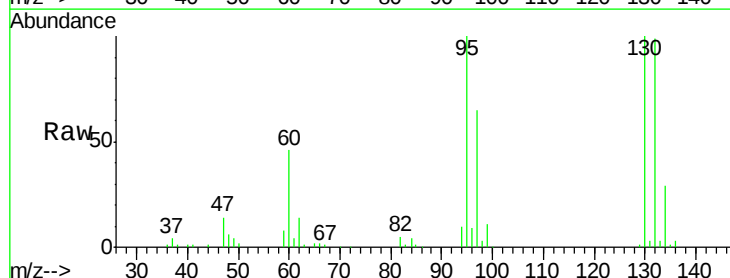


Abundance Ion 43.00 (42.70 to 43.70): VY001401.D (-1075) (-)
Ion 61.00 (60.70 to 61.70): VY001401.D (-1075) (-)
Ion 87.00 (86.70 to 87.70): VY001401.D (-1075) (-)

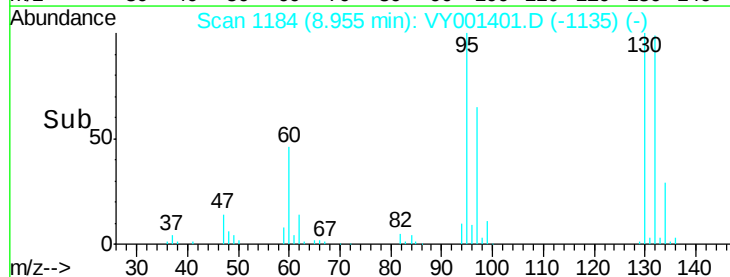
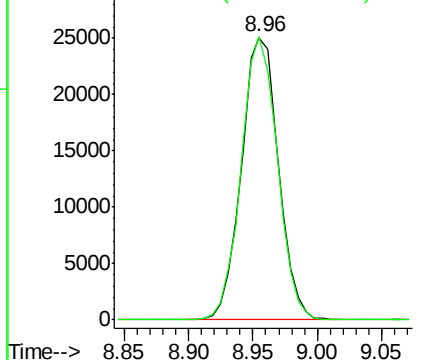


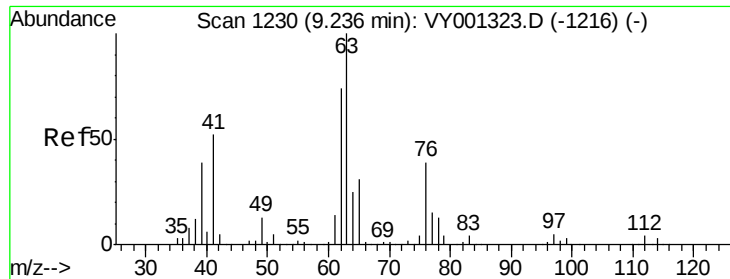
#44
Trichloroethene
Concen: 18.983 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	200.0



Abundance Ion 129.80 (129.50 to 130.50): VY001401.D (-1183) (-)
Ion 94.90 (94.60 to 95.60): VY001401.D (-1183) (-)





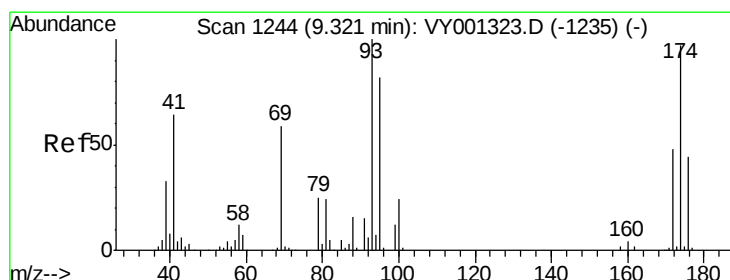
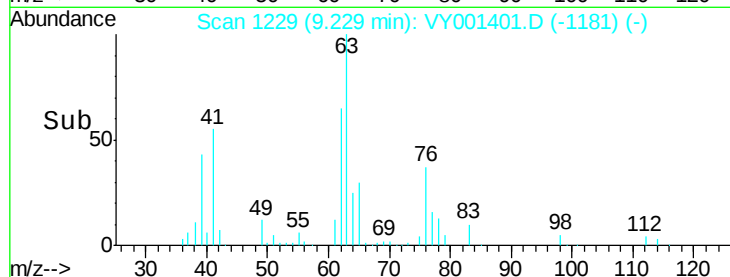
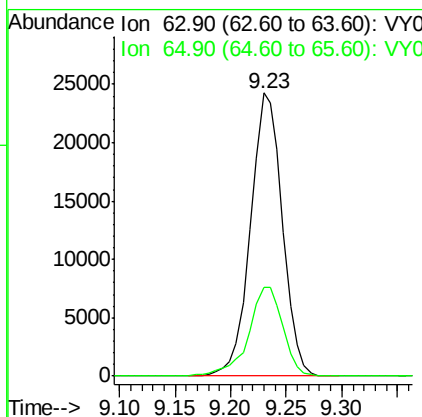
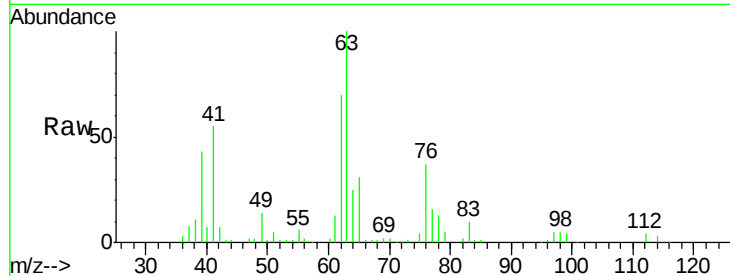
#45
 1,2-Dichloropropane
 Concen: 18.786 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001401.D
 Acq: 27 Jan 2020 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.9	37.3

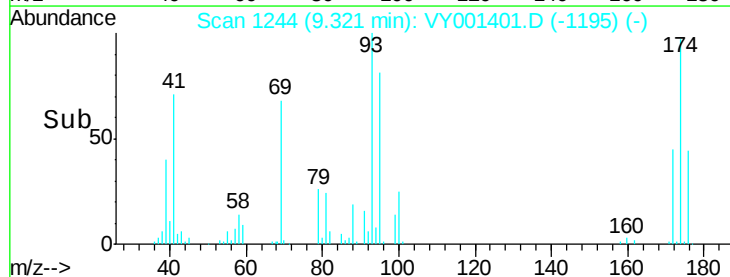
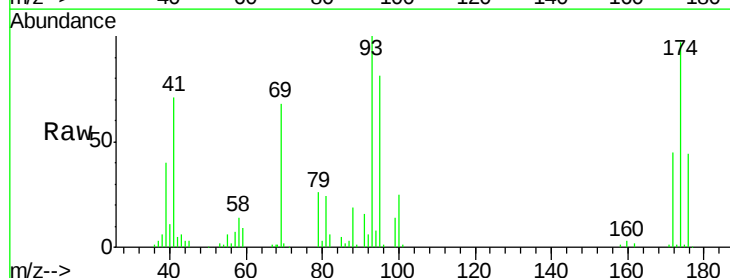
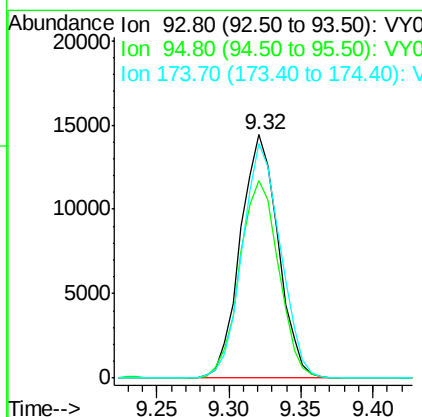
Manual Integrations
 APPROVED

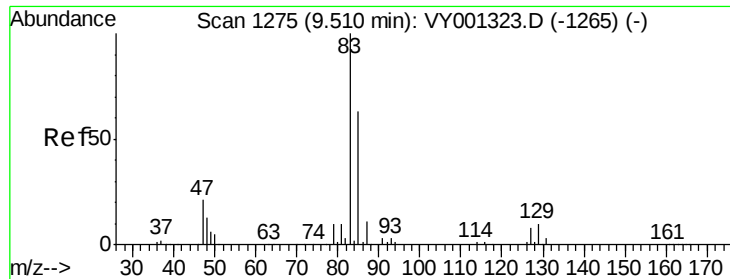
MMDadoda
 1/28/2020 3:40:29 PM



#46
 Dibromomethane
 Concen: 19.010 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY001401.D
 Acq: 27 Jan 2020 13:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	66.5	99.7
174	97.1	77.9	116.9





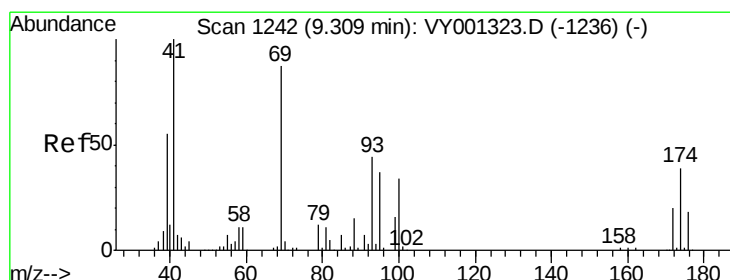
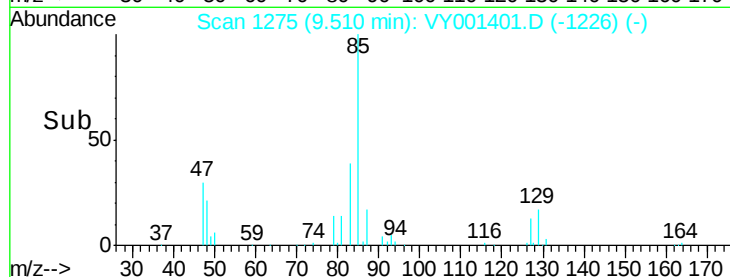
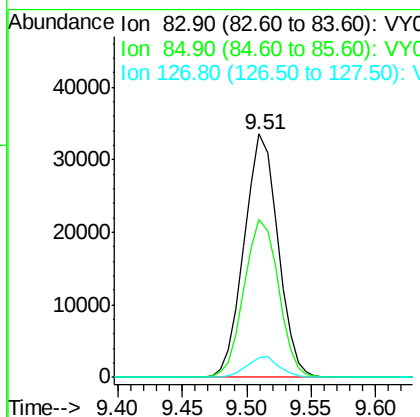
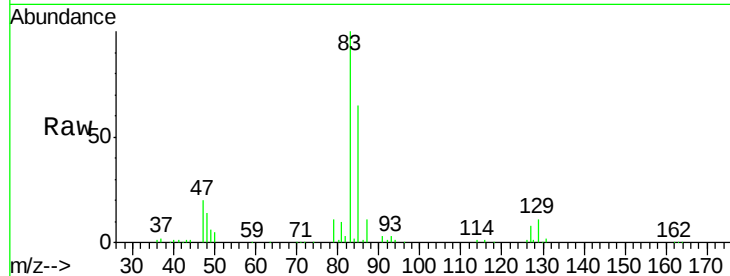
#47
Bromodichloromethane
Concen: 18.487 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	83	Resp	61046
Ion Ratio	100	Lower	Upper
83	100		
85	64.9	50.2	75.2
127	8.2	6.4	9.6

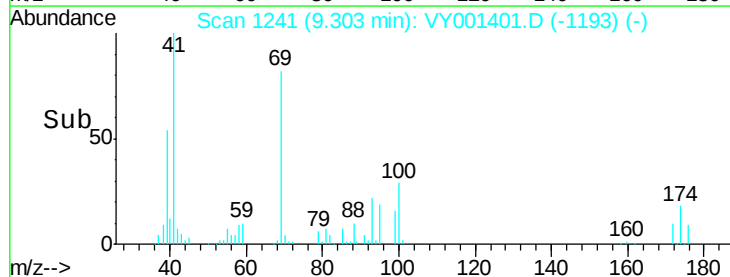
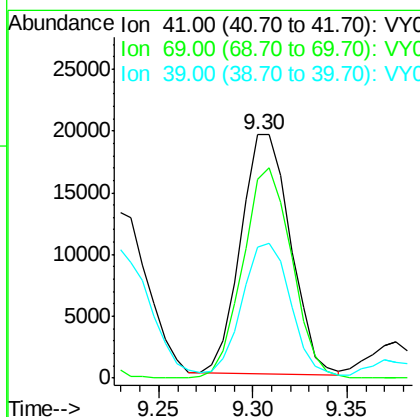
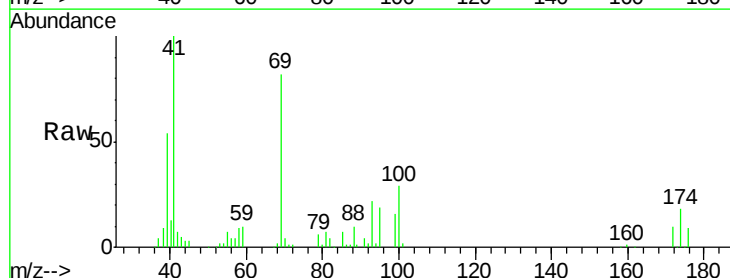
Manual Integrations
APPROVED

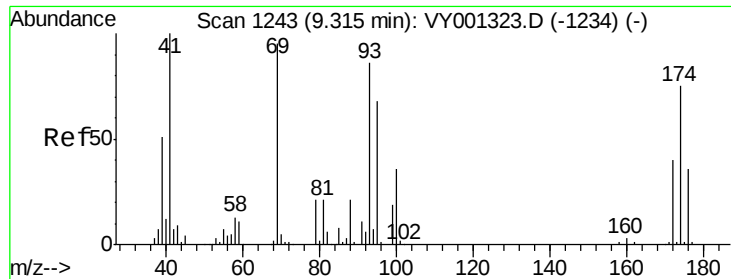
MMDadoda
1/28/2020 3:40:29 PM



#48
Methyl methacrylate
Concen: 19.293 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Tgt Ion	41	Resp	35370
Ion Ratio	100	Lower	Upper
41	100		
69	86.7	70.2	105.4
39	56.0	45.7	68.5





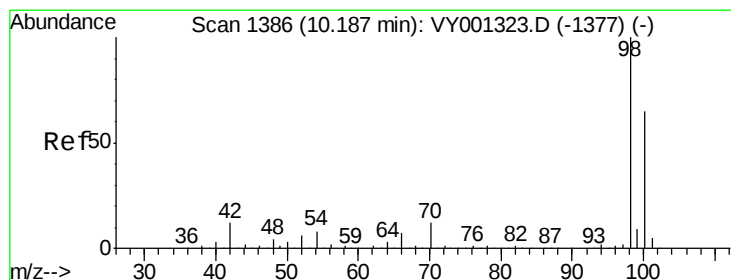
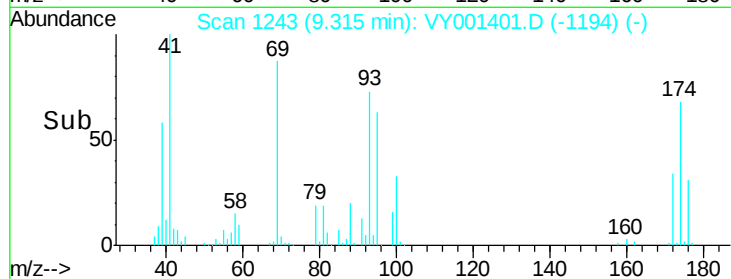
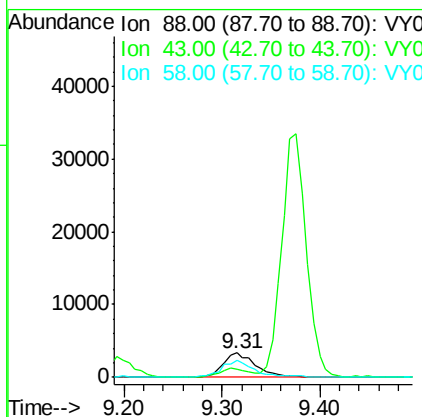
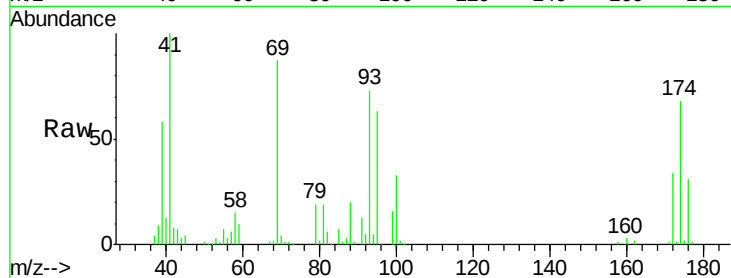
#49
 1,4-Dioxane
 Concen: 405.039 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY001401.D
 Acq: 27 Jan 2020 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.5	28.2	42.2
58	65.9	55.6	83.4

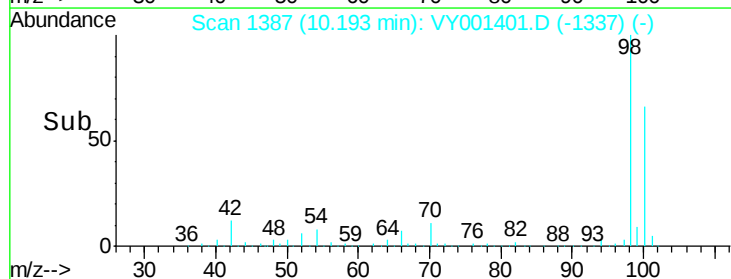
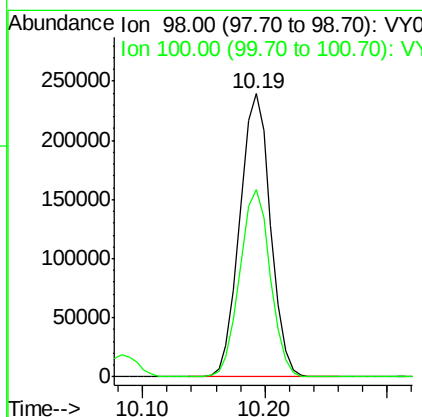
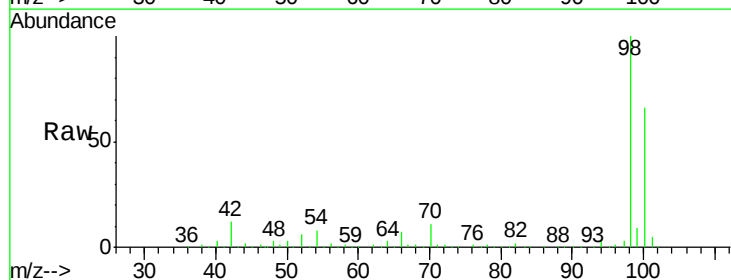
Manual Integrations
 APPROVED

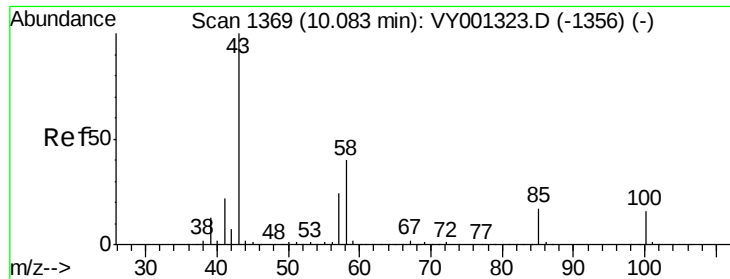
MMDadoda
 1/28/2020 3:40:29 PM



#50
 Toluene-d8
 Concen: 50.741 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: VY001401.D
 Acq: 27 Jan 2020 13:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 97.429 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY001401.D

Acq: 27 Jan 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBS01

Tot Ion: 43 Resp: 202346

Ion Ratio Lower Upper

43 100

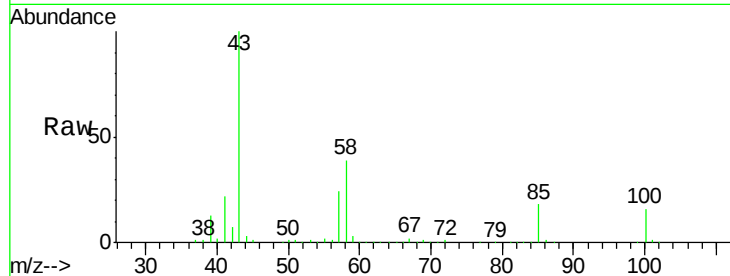
58 39.2 31.5 47.3

Manual Integrations

APPROVED

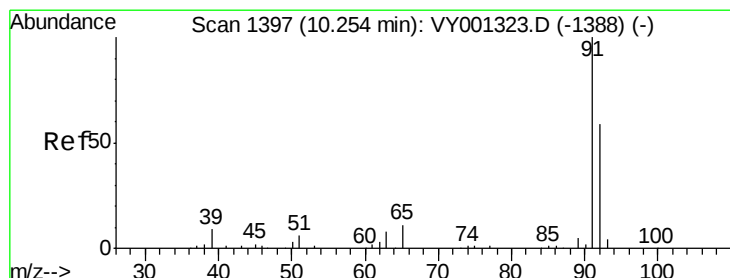
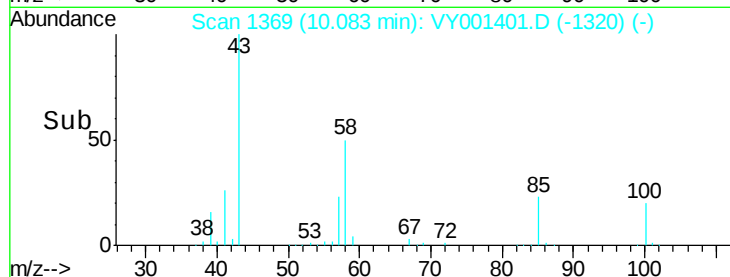
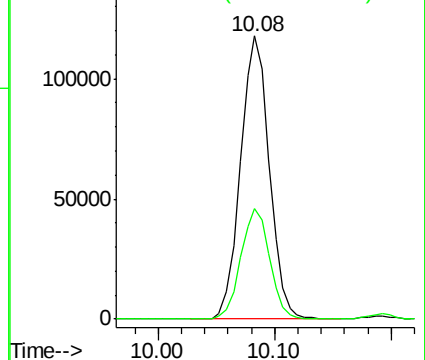
MMDadoda

1/28/2020 3:40:29 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 18.638 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VY001401.D

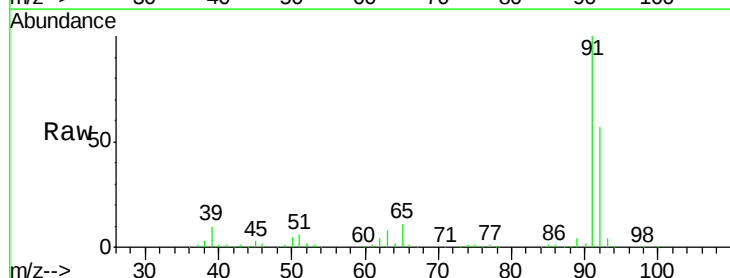
Acq: 27 Jan 2020 13:32

Tgt Ion: 92 Resp: 120257

Ion Ratio Lower Upper

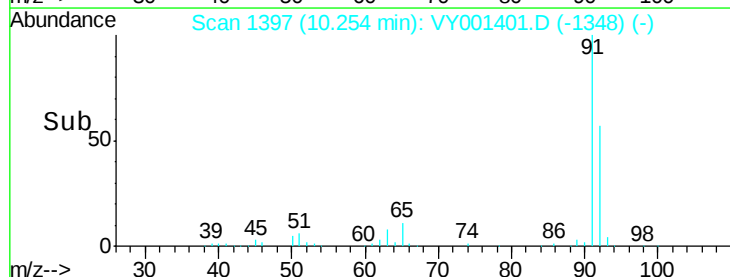
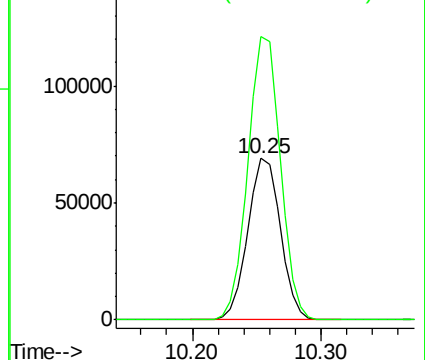
92 100

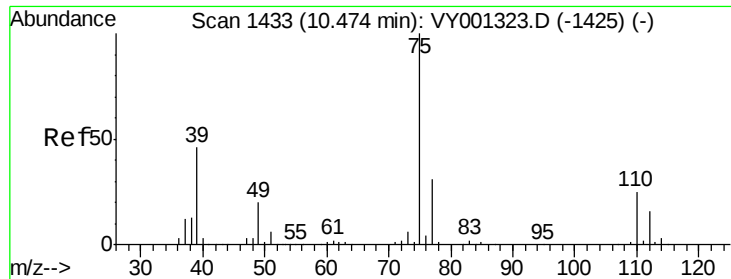
91 175.0 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





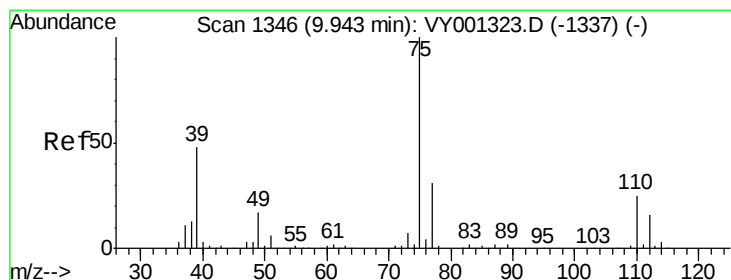
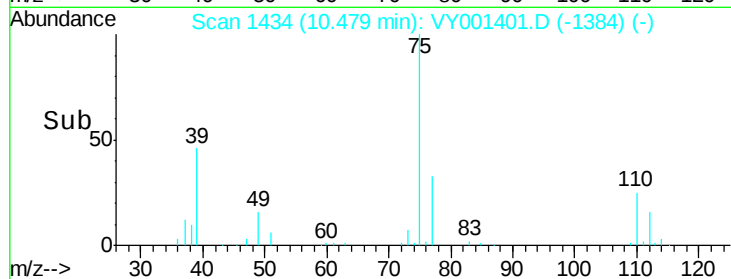
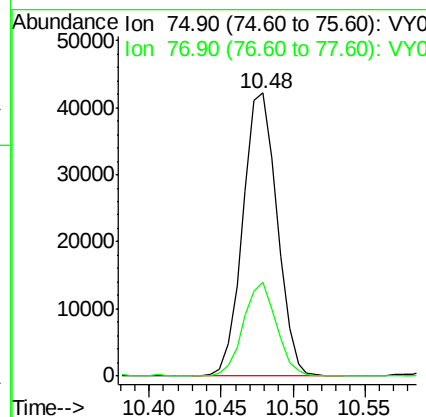
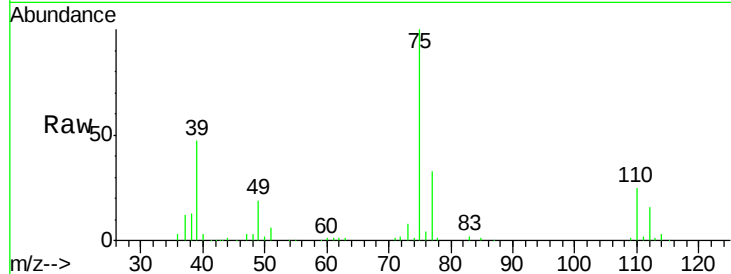
#53
t-1,3-Dichloropropene
Concen: 19.028 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion: 75 Resp: 69643
Ion Ratio Lower Upper
75 100
77 33.0 25.2 37.8

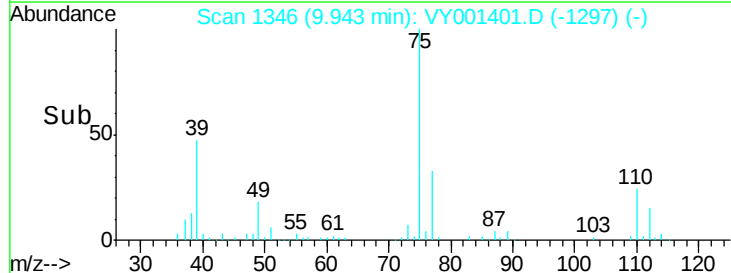
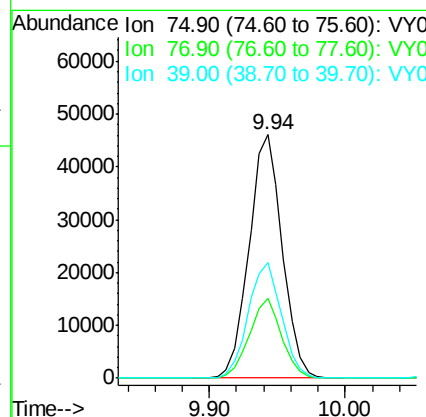
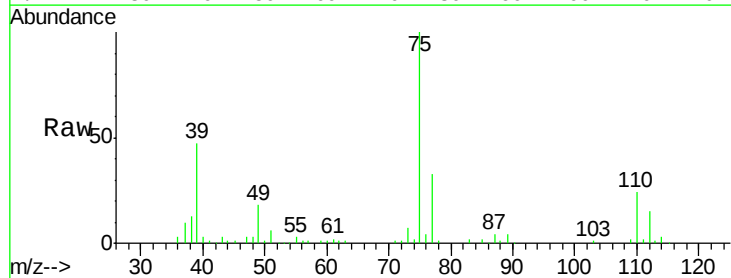
Manual Integrations
APPROVED

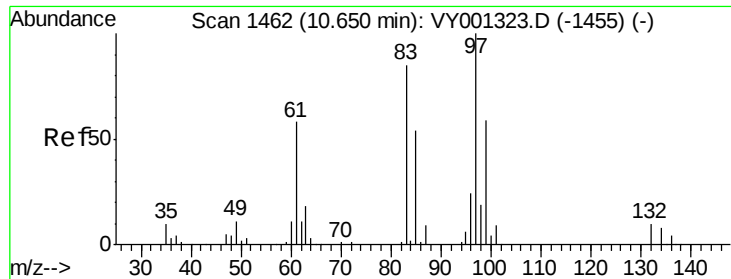
MMDadoda
1/28/2020 3:40:29 PM



#54
cis-1,3-Dichloropropene
Concen: 18.684 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Tgt Ion: 75 Resp: 78492
Ion Ratio Lower Upper
75 100
77 32.9 25.0 37.6
39 47.3 38.2 57.4





#55

1,1,2-Trichloroethane

Concen: 18.897 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.01 min

Lab File: VY001401.D

Acq: 27 Jan 2020 13:32

Instrument :

MSVOA_Y

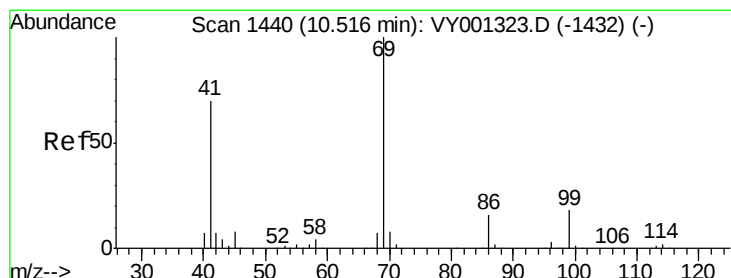
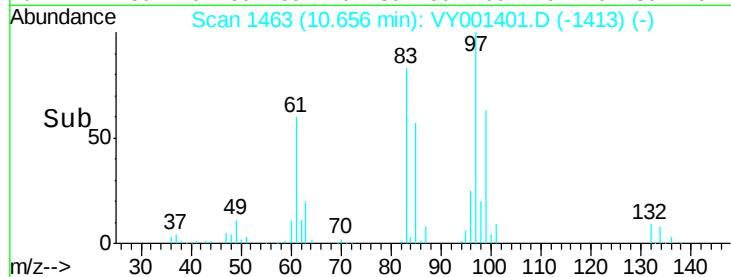
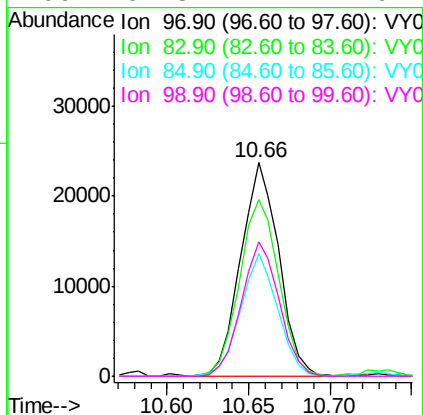
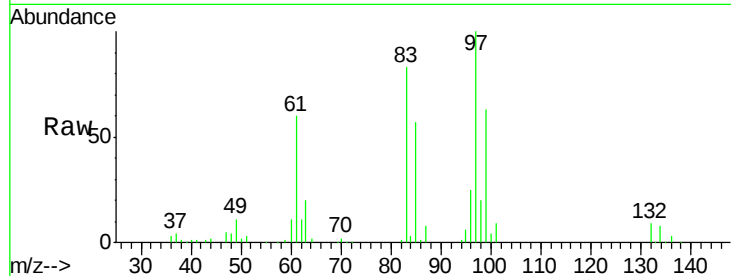
ClientSampleId :

VY0127SBS01

Tot Ion:	97	Resp:	38528
Ion	Ratio	Lower	Upper
97	100		
83	82.5	68.0	102.0
85	57.4	43.6	65.4
99	62.8	47.1	70.7

Manual Integrations
APPROVED

MMDadoda
1/28/2020 3:40:29 PM



#56

Ethyl methacrylate

Concen: 18.804 ug/l

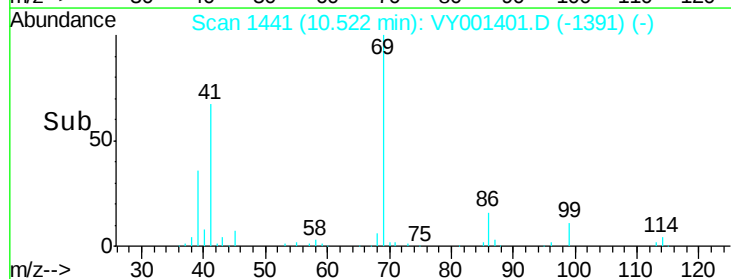
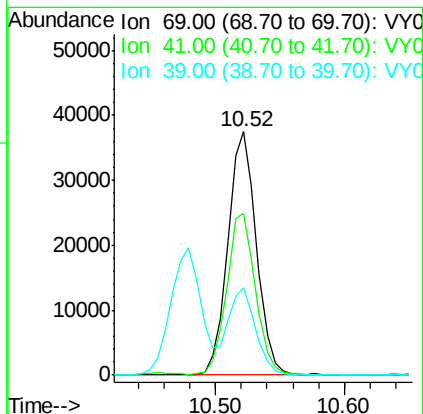
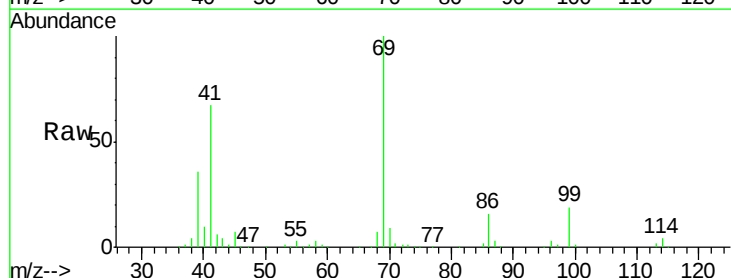
RT: 10.52 min Scan# 1441

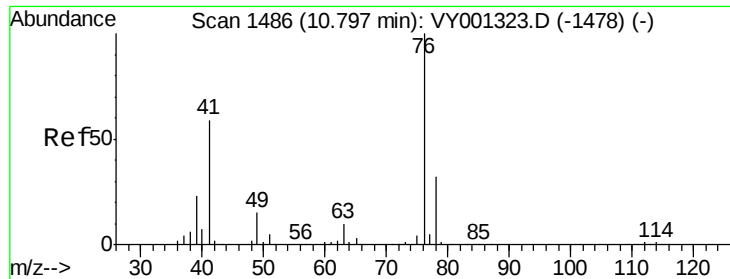
Delta R.T. 0.01 min

Lab File: VY001401.D

Acq: 27 Jan 2020 13:32

Tgt Ion:	69	Resp:	57944
Ion	Ratio	Lower	Upper
69	100		
41	67.4	54.1	81.1
39	35.4	26.8	40.2





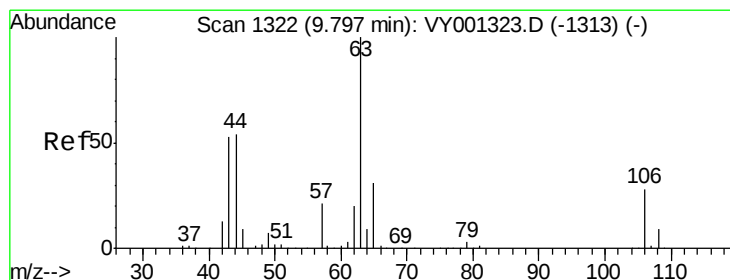
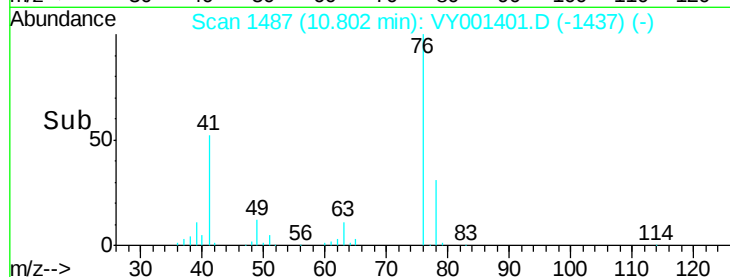
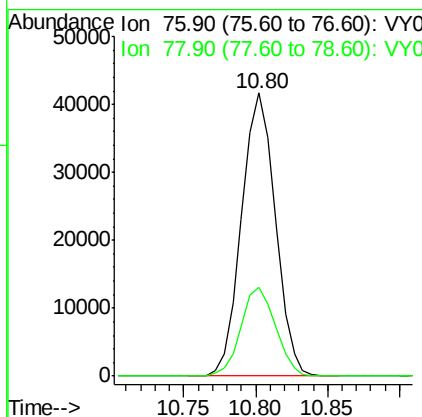
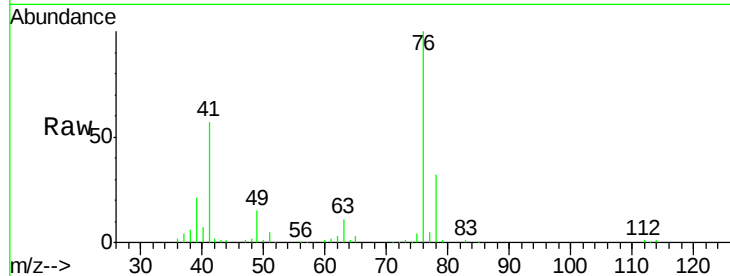
#57
 1,3-Dichloropropane
 Concen: 19.094 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY001401.D
 Acq: 27 Jan 2020 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Tot Ion: 76 Resp: 67816
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8

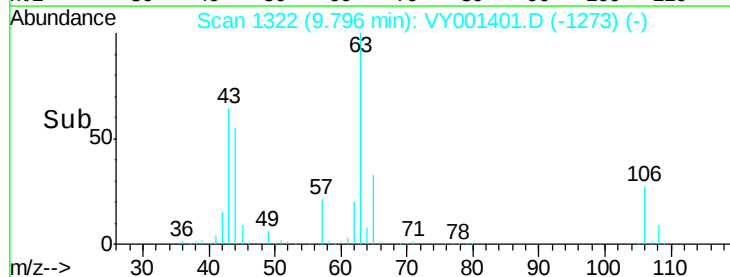
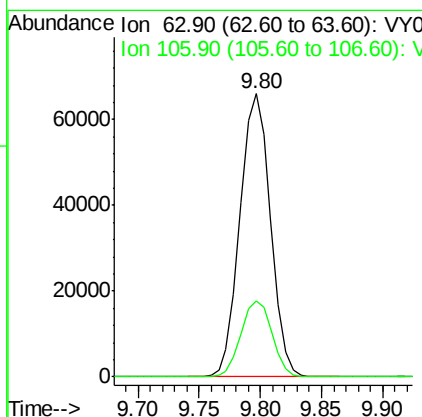
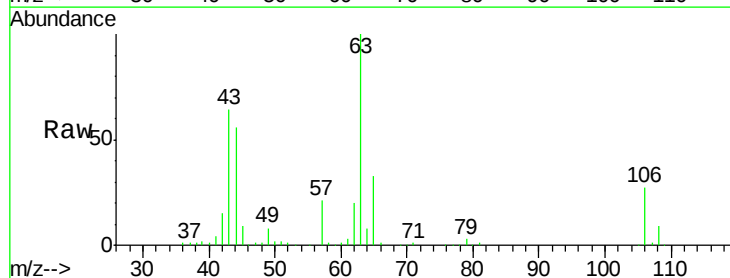
Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 3:40:29 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.213 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VY001401.D
 Acq: 27 Jan 2020 13:32

Tgt Ion: 63 Resp: 114324
 Ion Ratio Lower Upper
 63 100
 106 27.5 22.5 33.7





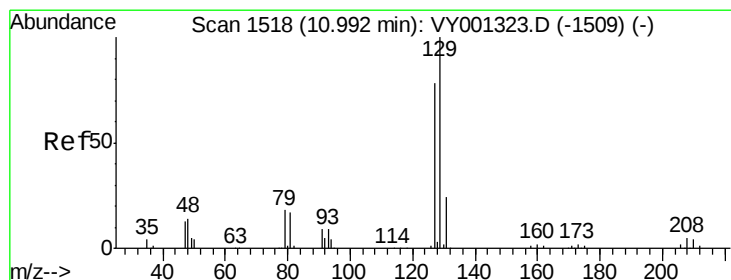
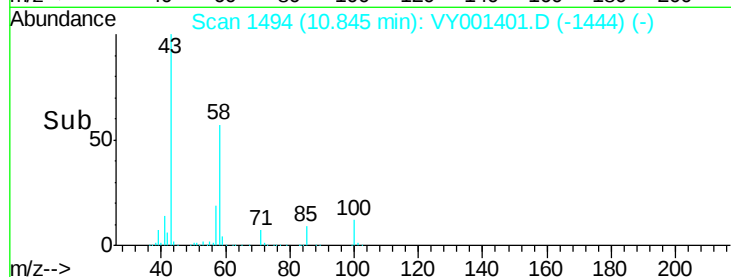
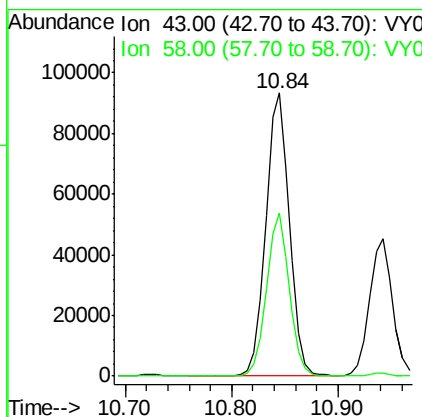
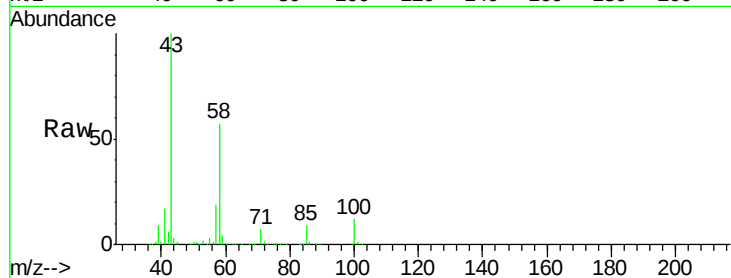
#59
2-Hexanone
Concen: 100.030 ug/l
RT: 10.84 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion: 43 Resp: 144628
Ion Ratio Lower Upper
43 100
58 55.5 27.6 82.8

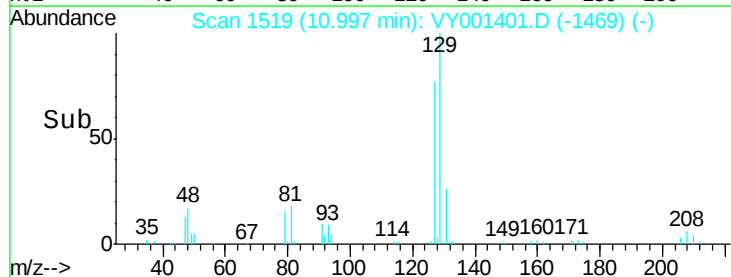
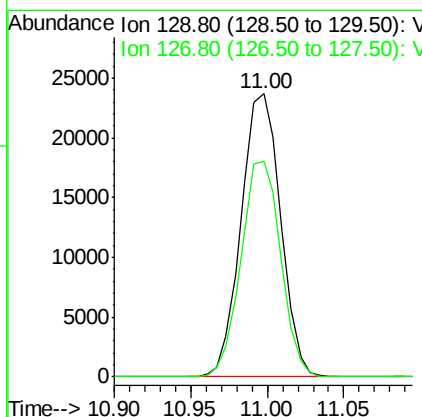
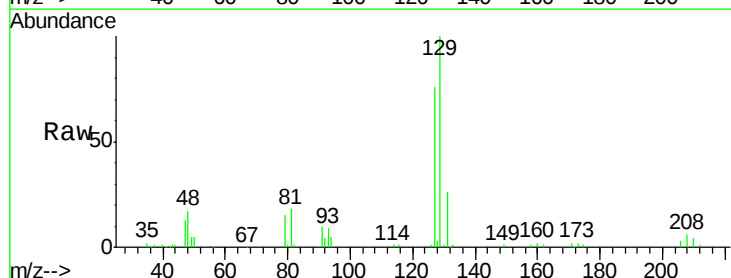
Manual Integrations
APPROVED

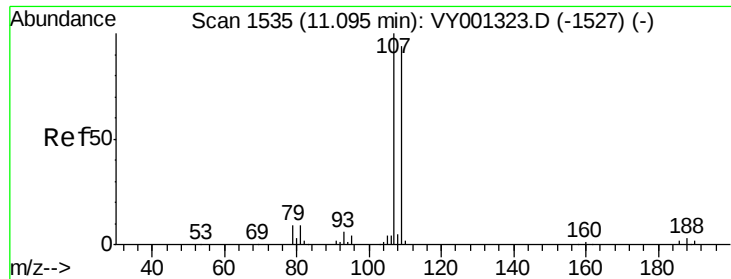
MMDadoda
1/28/2020 3:40:29 PM



#60
Dibromochloromethane
Concen: 18.672 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Tgt Ion: 129 Resp: 42578
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.4





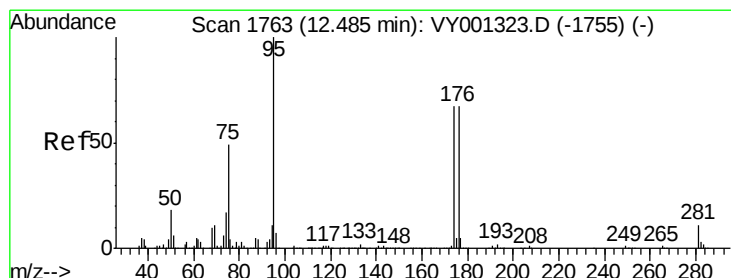
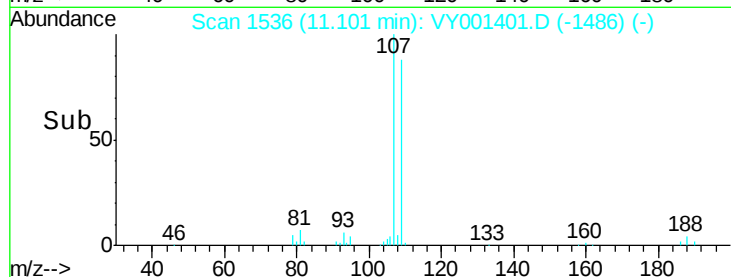
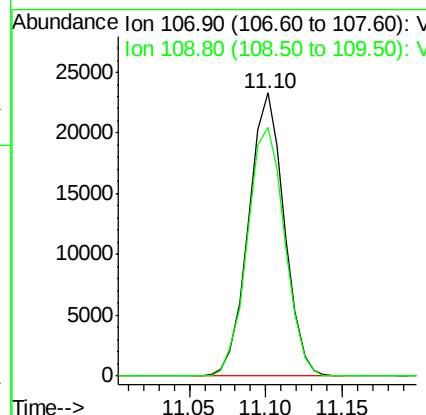
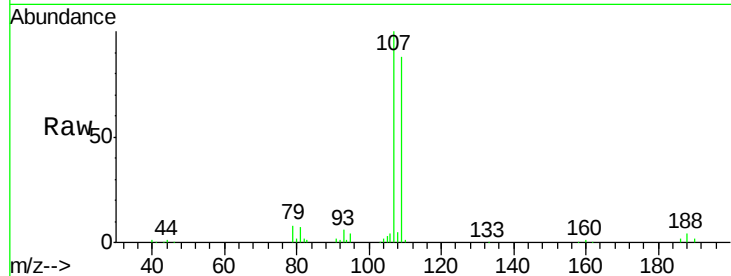
#61
 1,2-Dibromoethane
 Concen: 19.589 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001401.D
 Acq: 27 Jan 2020 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.2	75.0	112.6

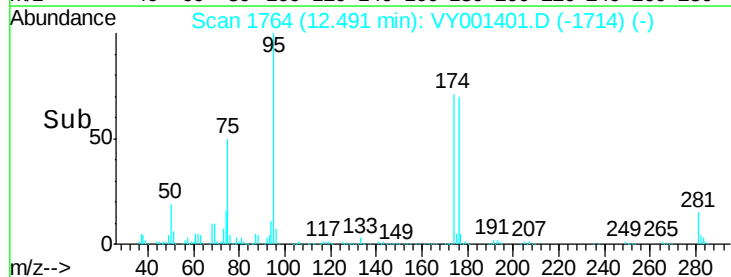
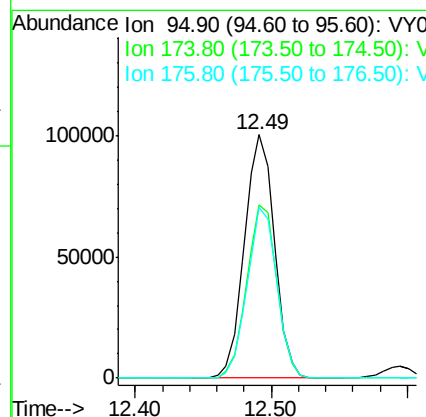
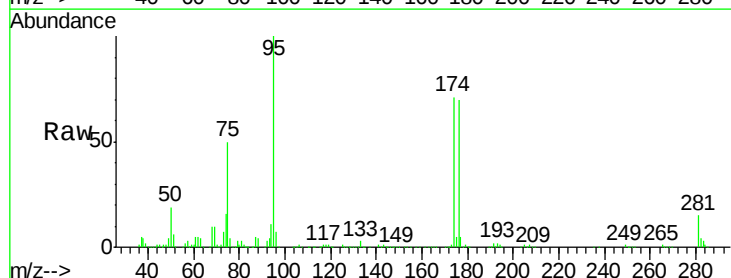
Manual Integrations
 APPROVED

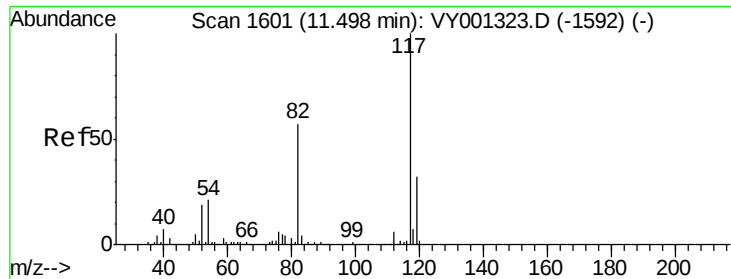
MMDadoda
 1/28/2020 3:40:29 PM



#62
 4-Bromofluorobenzene
 Concen: 47.564 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001401.D
 Acq: 27 Jan 2020 13:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	142.0
176	69.8	0.0	138.6





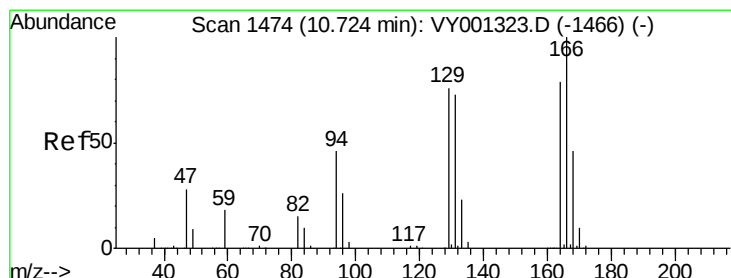
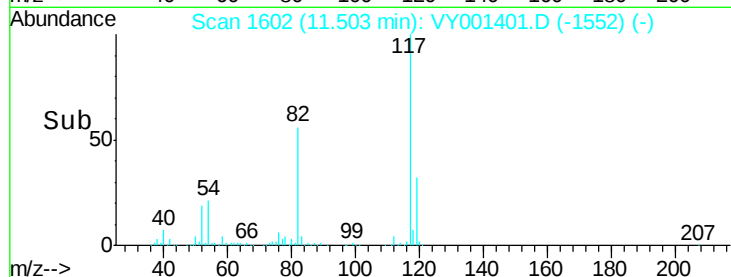
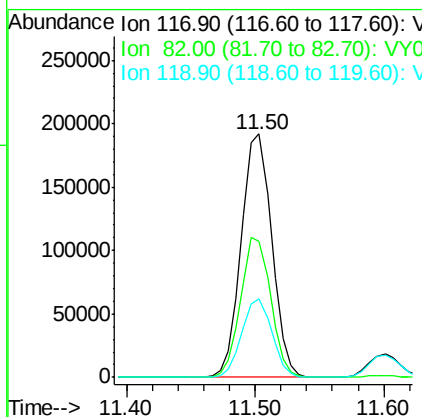
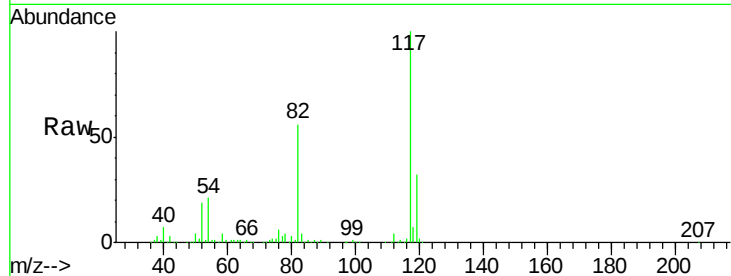
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	314398		
82	55.9	45.5	68.3	
119	32.3	25.8	38.6	

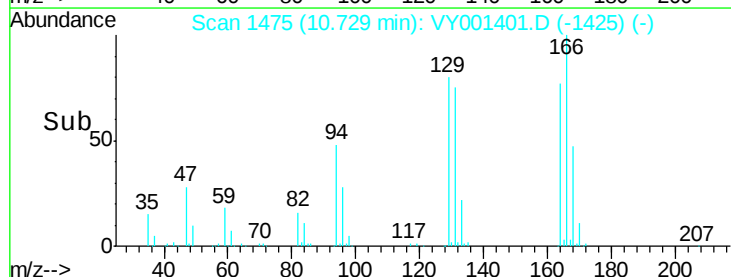
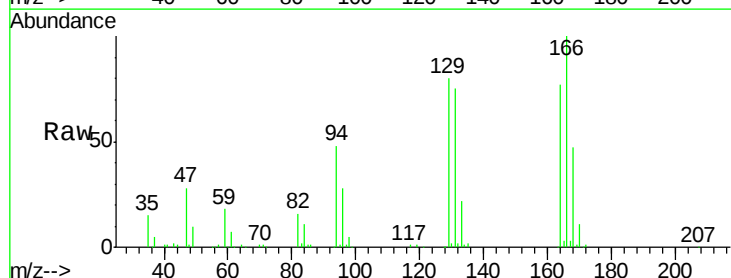
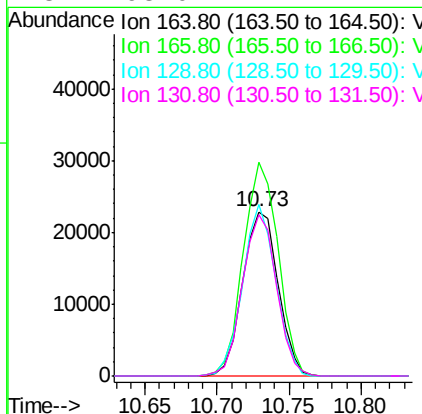
Manual Integrations
APPROVED

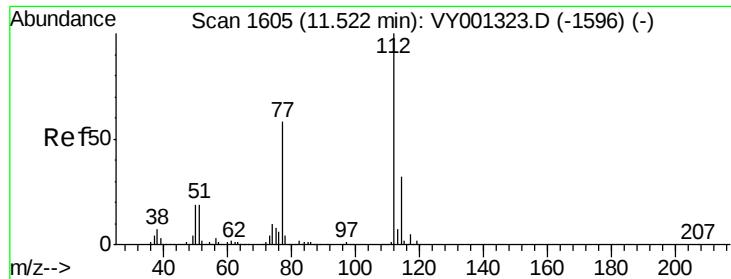
MMDadoda
1/28/2020 3:40:29 PM



#64
Tetrachloroethene
Concen: 19.383 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	38926		
166	129.8	101.8	152.8	
129	104.0	77.1	115.7	
131	98.0	74.2	111.2	





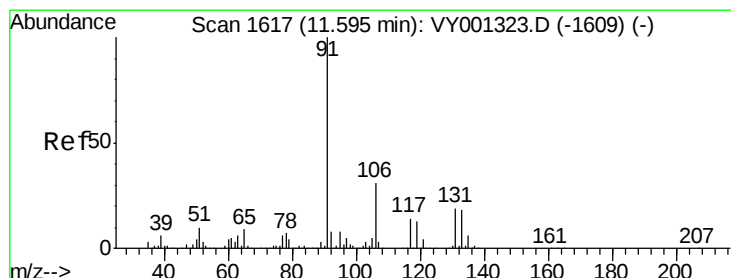
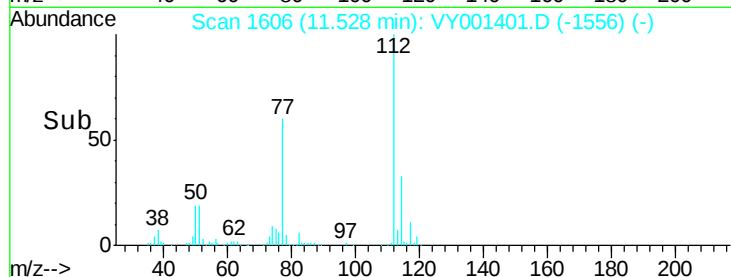
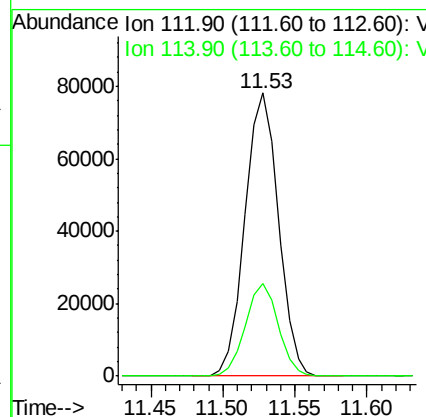
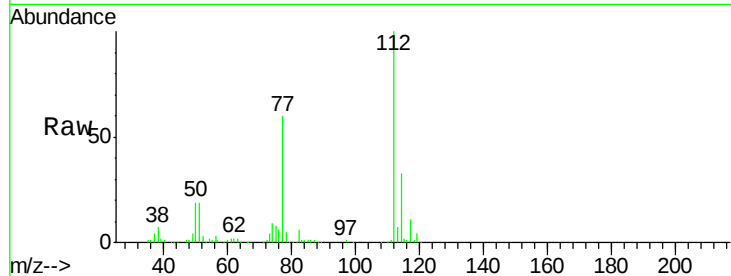
#65
Chlorobenzene
Concen: 19.002 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion:112 Resp: 125931
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6

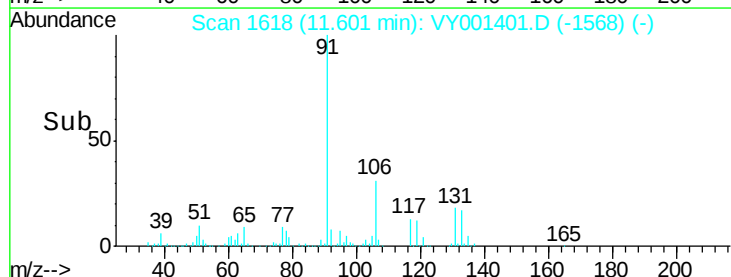
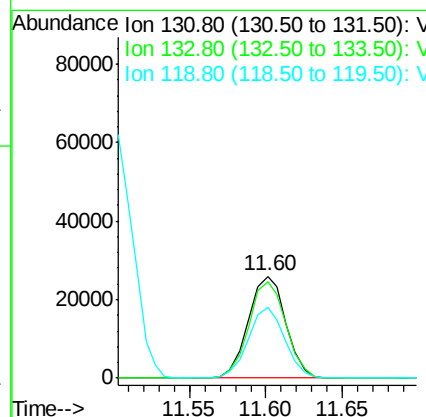
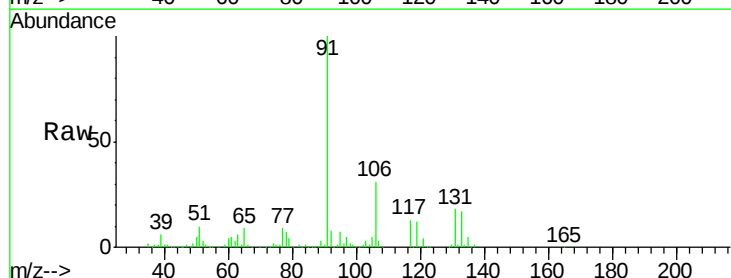
Manual Integrations
APPROVED

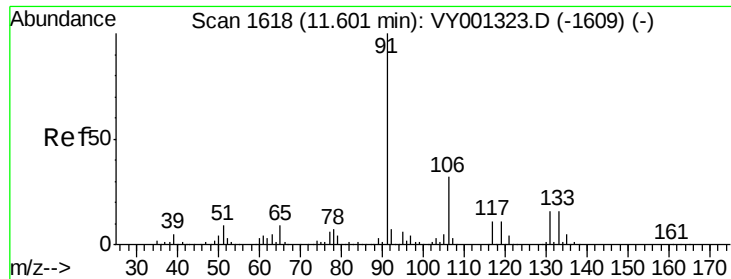
MMDadoda
1/28/2020 3:40:29 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.430 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Tgt Ion:131 Resp: 43943
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.3
119 68.0 34.1 102.2





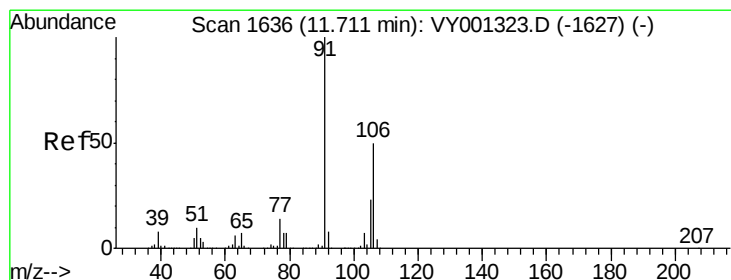
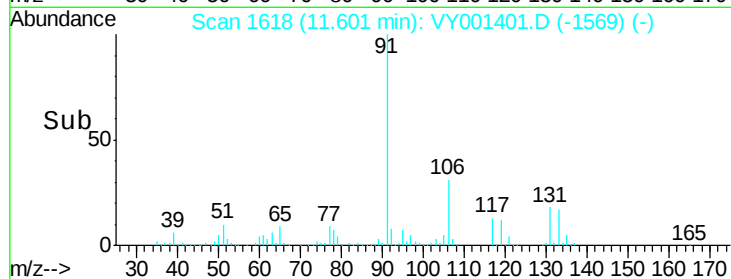
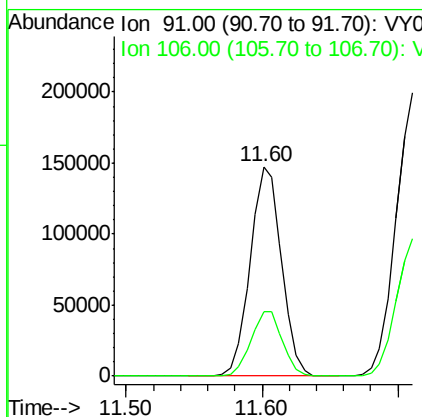
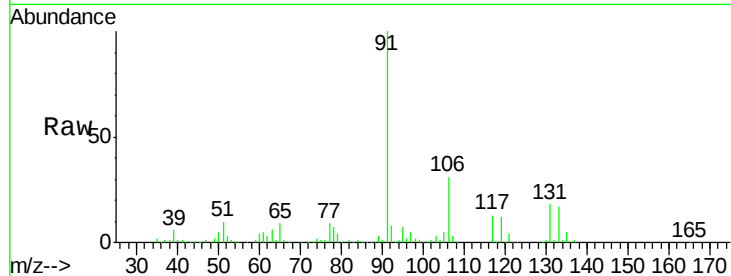
#67
Ethyl Benzene
Concen: 19.442 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion: 91 Resp: 237449
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.0

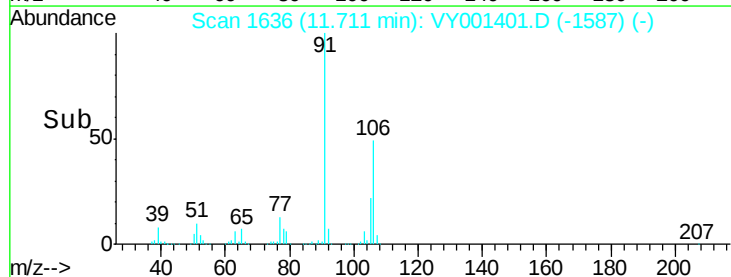
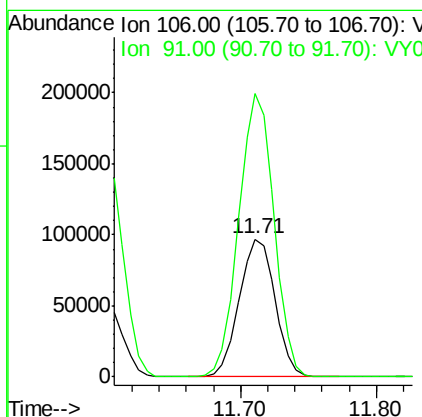
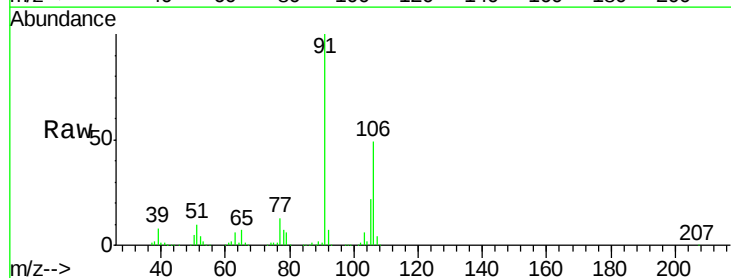
Manual Integrations
APPROVED

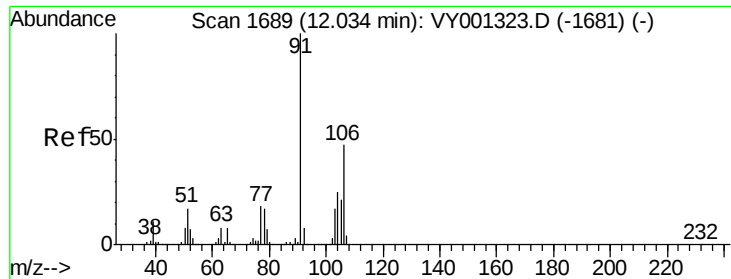
MMDadoda
1/28/2020 3:40:29 PM



#68
m/p-Xylenes
Concen: 39.078 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Tgt Ion: 106 Resp: 178251
Ion Ratio Lower Upper
106 100
91 202.0 162.8 244.2





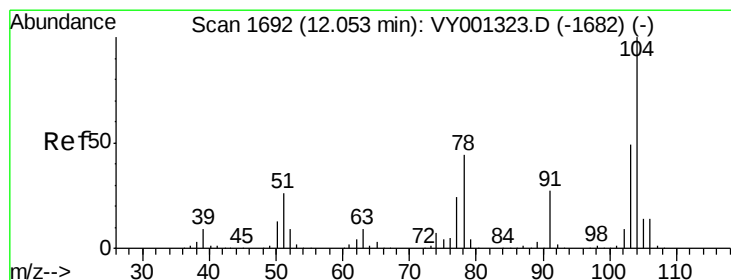
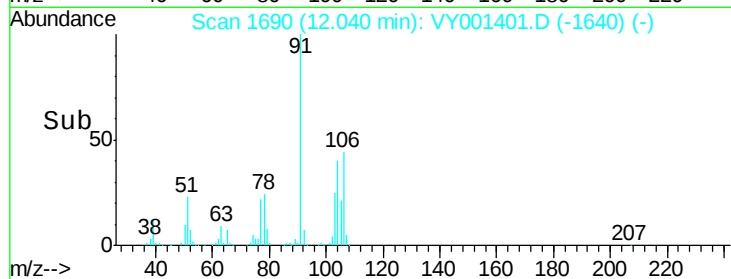
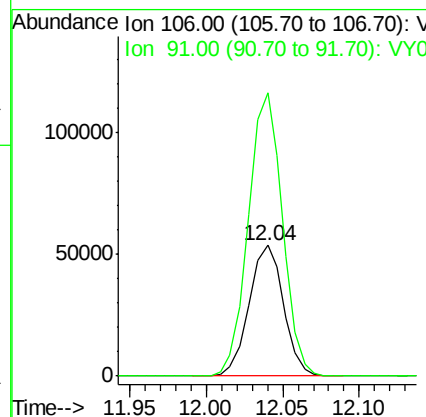
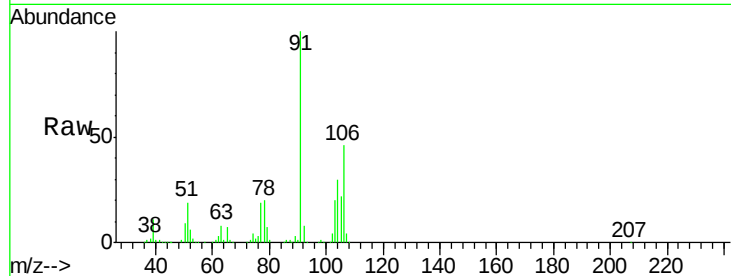
#69
o-Xylene
Concen: 19.132 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	214.1	106.3	319.0	

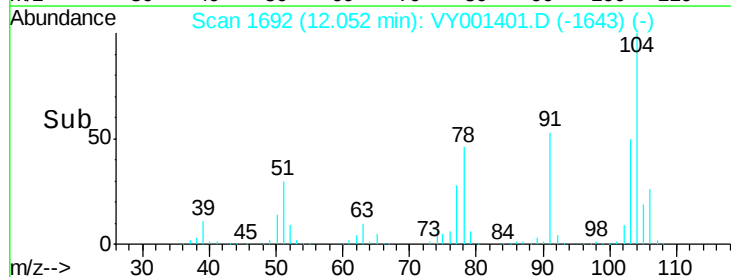
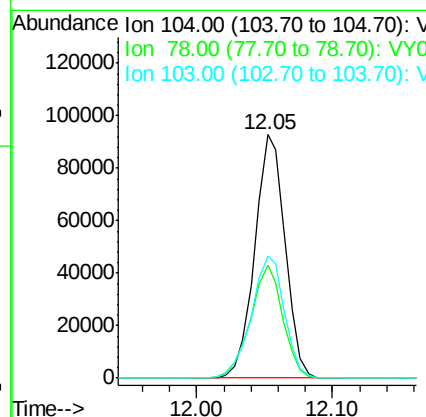
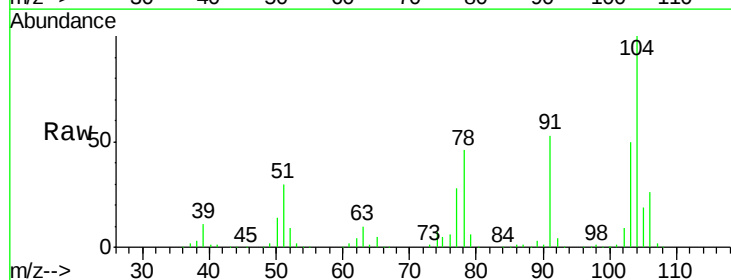
Manual Integrations
APPROVED

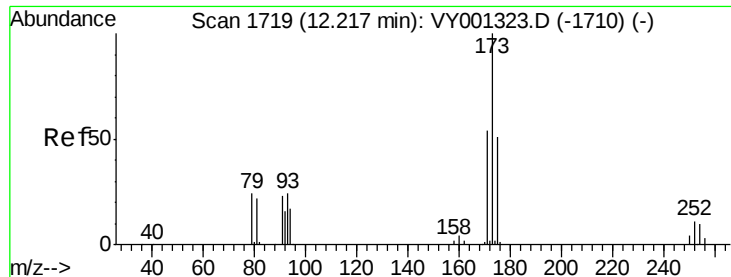
MMDadoda
1/28/2020 3:40:29 PM



#70
Styrene
Concen: 18.867 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.4	39.8	59.8	
103	54.6	43.2	64.8	





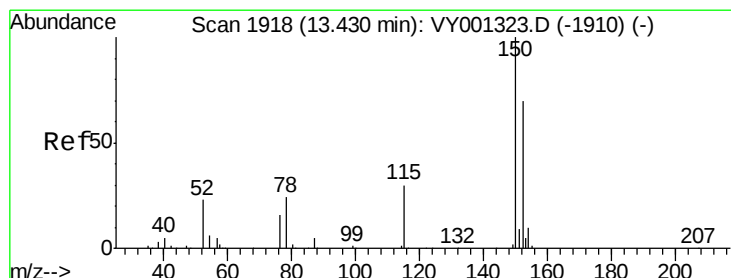
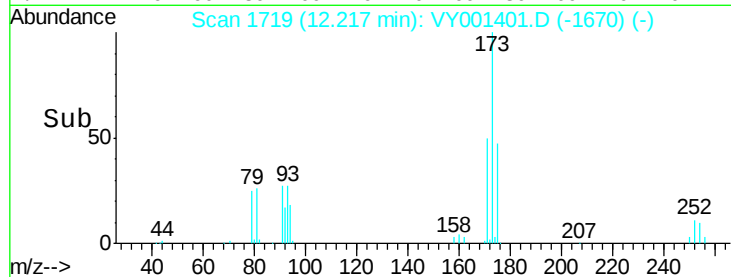
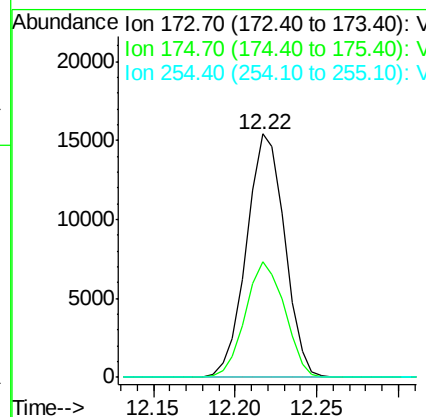
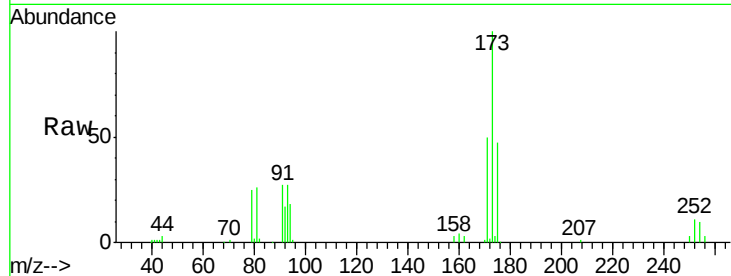
#71
Bromoform
Concen: 18.661 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.00 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.3	72.9
254	0.0	0.0	0.0

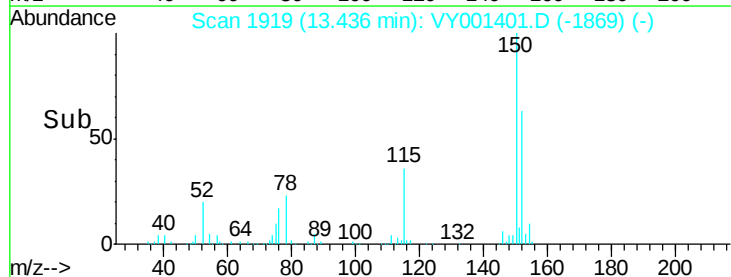
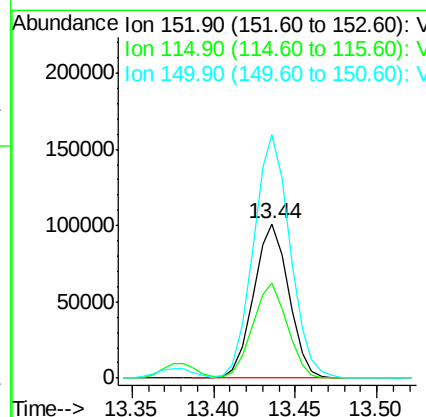
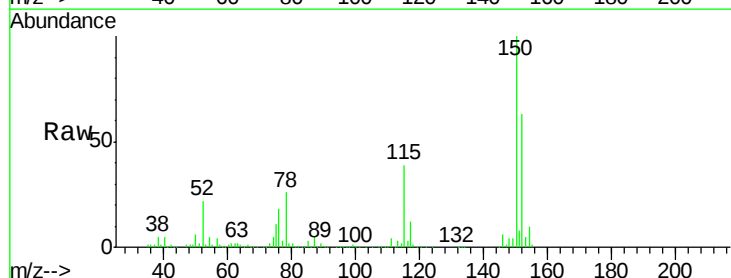
Manual Integrations
APPROVED

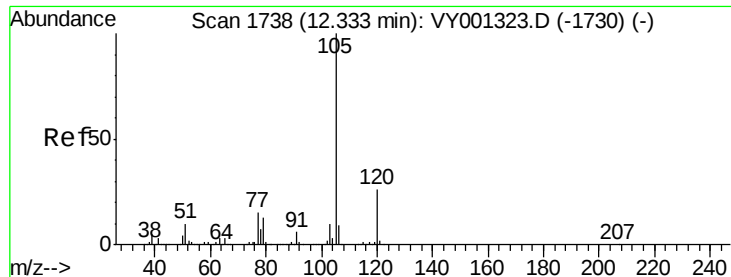
MMDadoda
1/28/2020 3:40:29 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.9	92.8
150	165.3	0.0	349.2





#73

Isopropylbenzene

Concen: 19.214 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY001401.D

Acq: 27 Jan 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBS01

Tot Ion:105 Resp: 229272

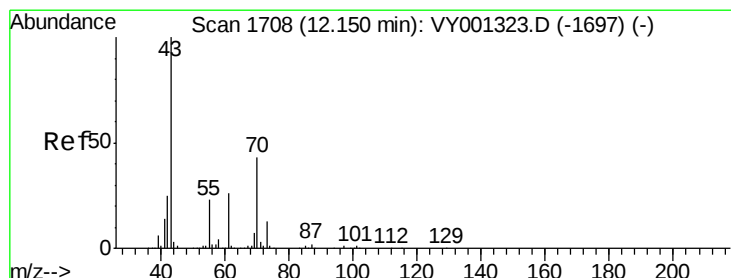
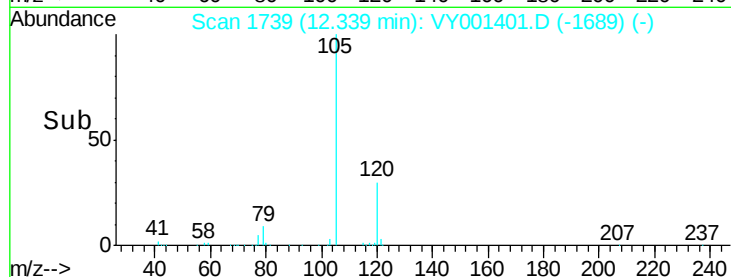
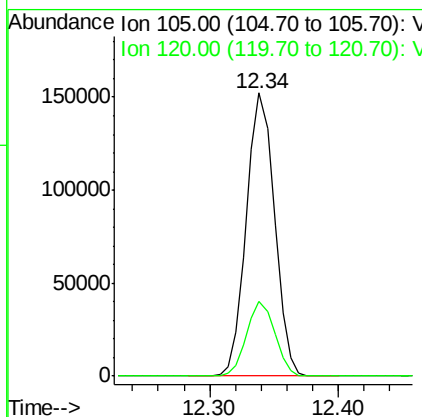
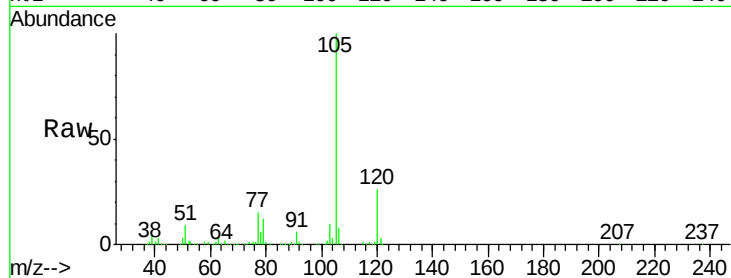
Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.4

Manual Integrations
APPROVED

MMDadoda
1/28/2020 3:40:29 PM



#74

N-ethyl acetate

Concen: 19.262 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY001401.D

Acq: 27 Jan 2020 13:32

Tgt Ion: 43 Resp: 75234

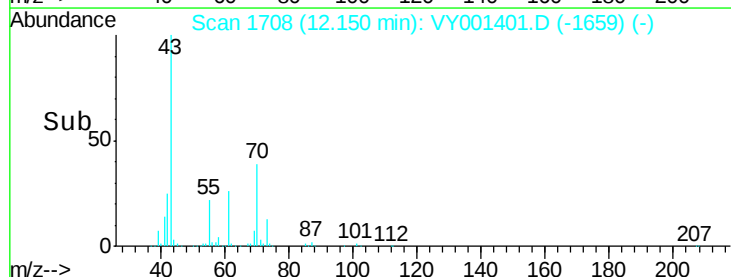
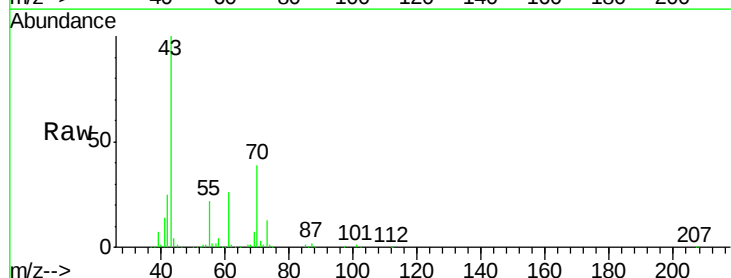
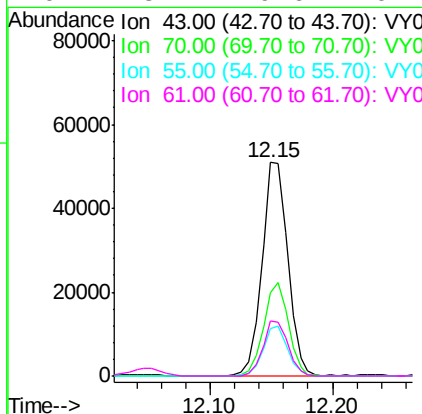
Ion Ratio Lower Upper

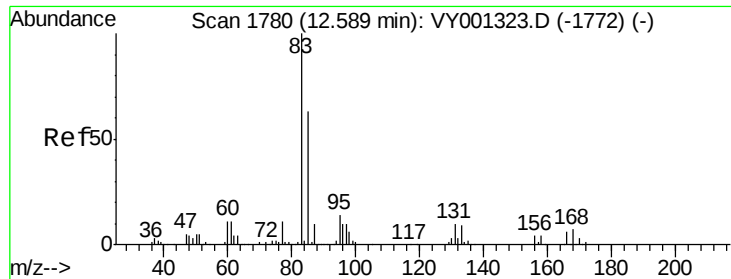
43 100

70 41.8 33.5 50.3

55 22.6 18.2 27.2

61 25.1 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.194 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001401.D

Acq: 27 Jan 2020 13:32

Instrument :

MSVOA_Y

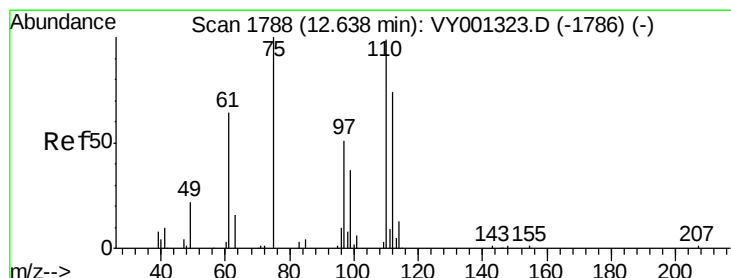
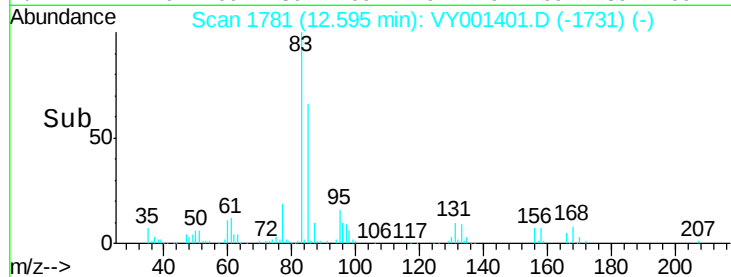
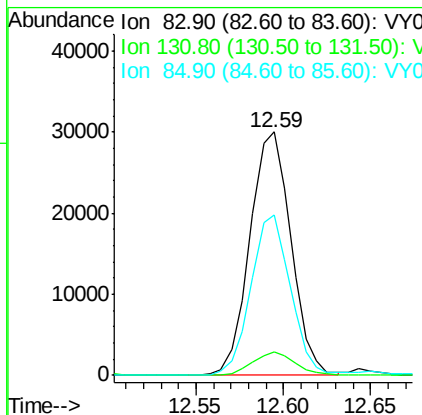
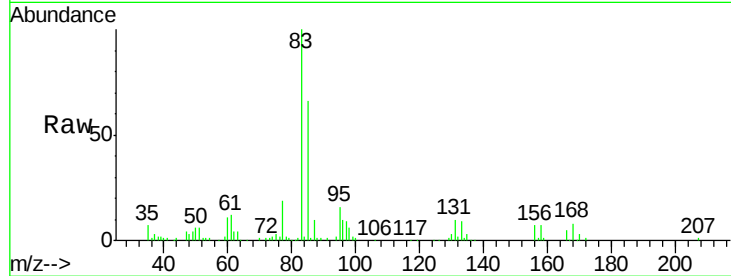
ClientSampleId :

VY0127SBS01

Tot Ion:	83	Resp:	49050
Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.9	14.6
85	63.4	31.4	94.3

Manual Integrations
APPROVED

MMDadoda
1/28/2020 3:40:29 PM



#76

1,2,3-Trichloropropane

Concen: 18.596 ug/l m

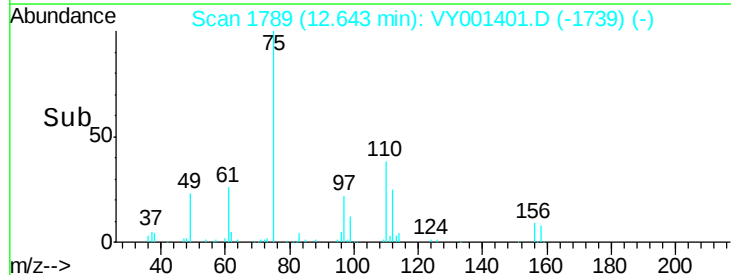
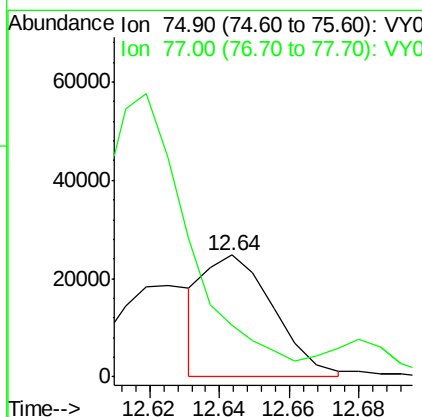
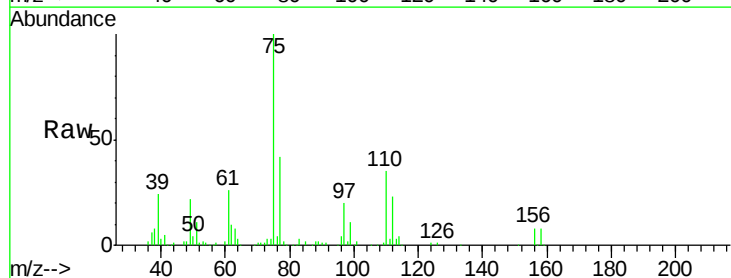
RT: 12.64 min Scan# 1789

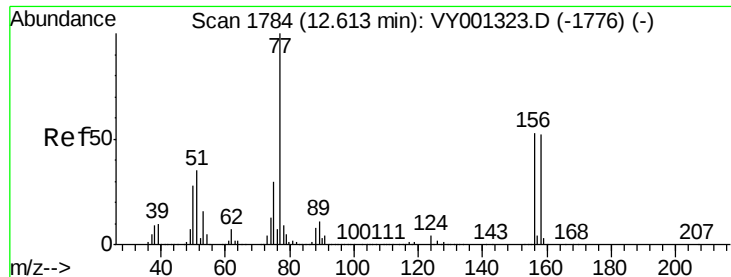
Delta R.T. 0.01 min

Lab File: VY001401.D

Acq: 27 Jan 2020 13:32

Tgt Ion:	75	Resp:	33886
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.799 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001401.D

Acq: 27 Jan 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBS01

Tot Ion:156 Resp: 49684

Ion Ratio Lower Upper

156 100

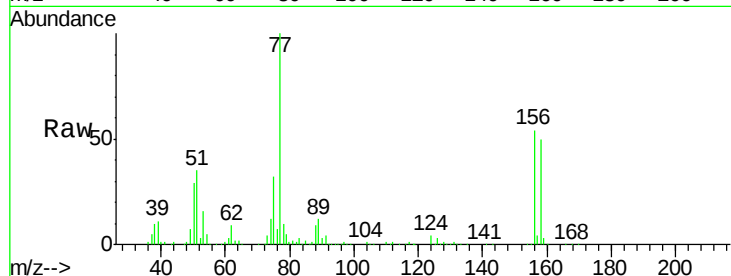
77 210.7 104.7 313.9

158 96.9 48.6 145.8

Manual Integrations
APPROVED

MMDadoda

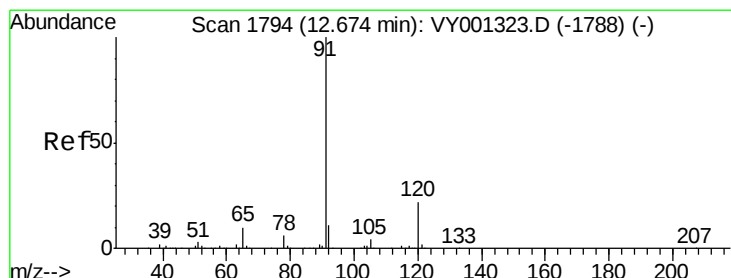
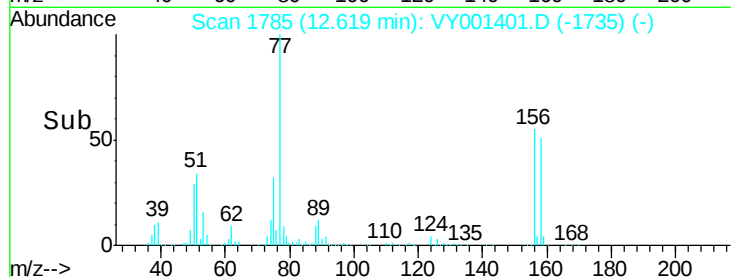
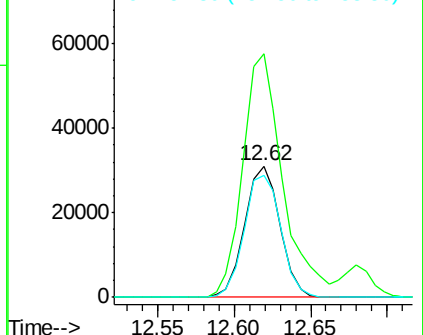
1/28/2020 3:40:29 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.171 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001401.D

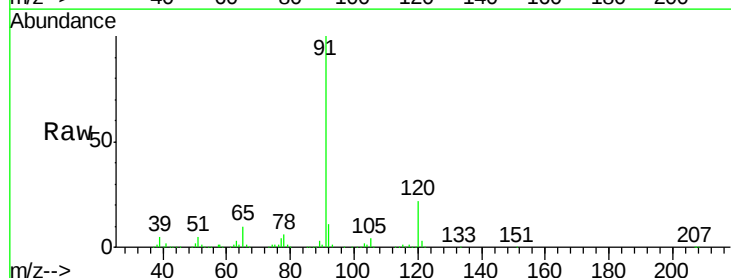
Acq: 27 Jan 2020 13:32

Tgt Ion: 91 Resp: 275346

Ion Ratio Lower Upper

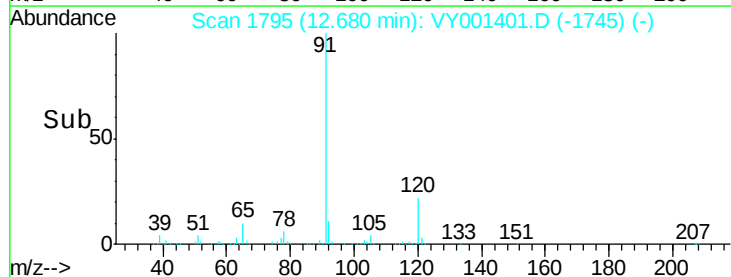
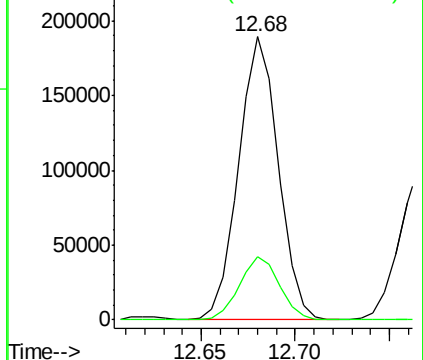
91 100

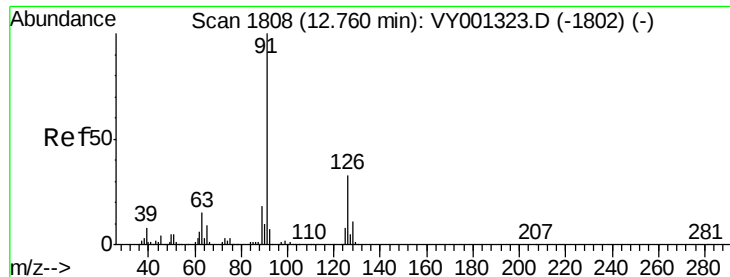
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.817 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY001401.D

Acq: 27 Jan 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBS01

Tot Ion: 91 Resp: 154394

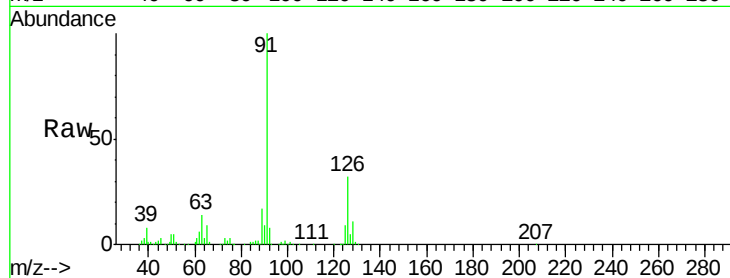
Ion Ratio Lower Upper

91 100

126 33.1 16.6 49.7

Manual Integrations
APPROVED

MMDadoda
1/28/2020 3:40:29 PM



Abundance Ion 91.00 (90.70 to 91.70): VY001323.D (-1802) (-)

Ion 125.90 (125.60 to 126.60): VY001323.D (-1802) (-)

150000

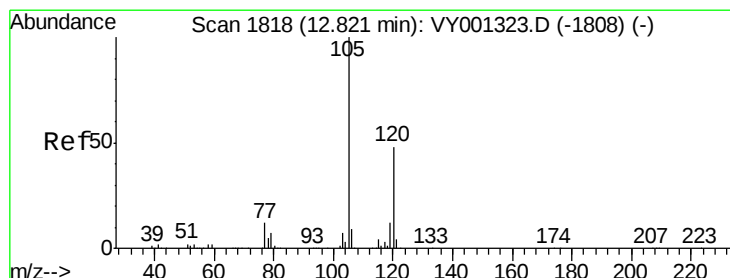
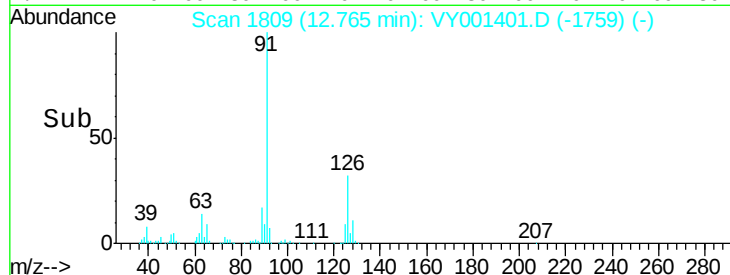
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.191 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY001401.D

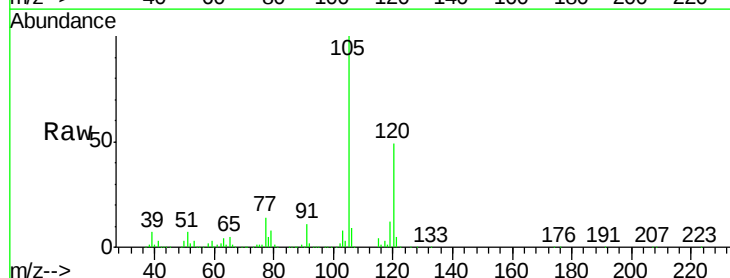
Acq: 27 Jan 2020 13:32

Tgt Ion: 105 Resp: 191148

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001323.D (-1808) (-)

Ion 120.00 (119.70 to 120.70): VY001323.D (-1808) (-)

150000

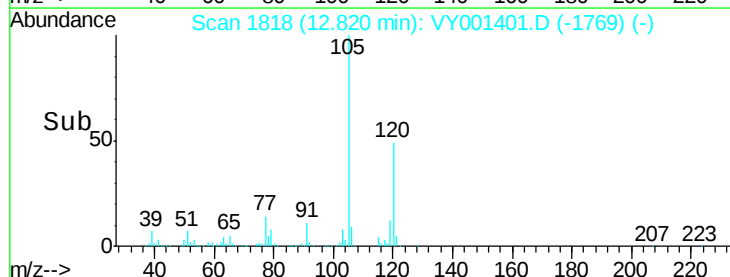
100000

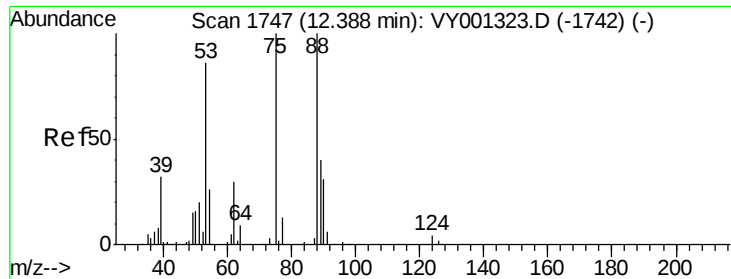
50000

0

12.80 12.90

Time-->





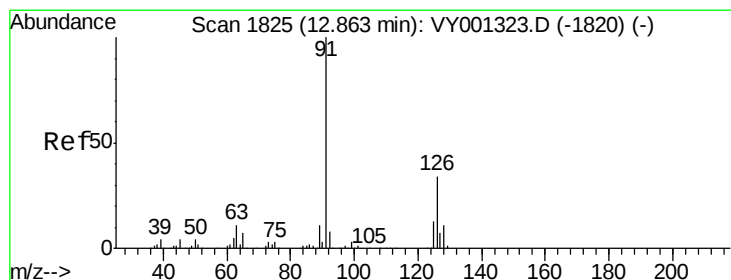
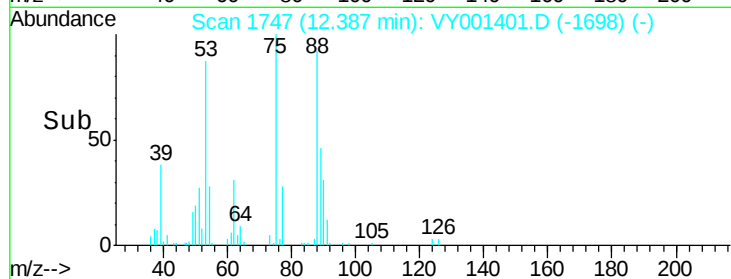
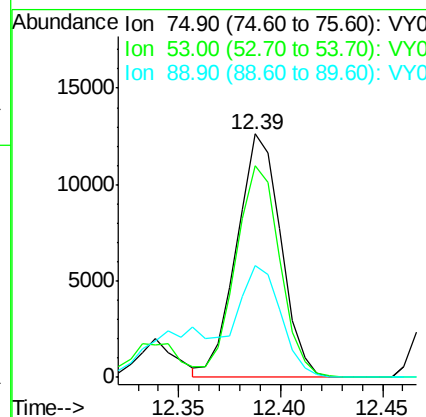
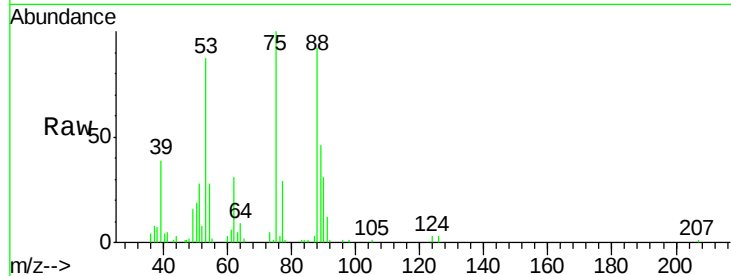
#81
trans-1,4-Dichloro-2-butene
Concen: 19.722 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.7	69.9	104.9
89	48.4	36.6	54.8

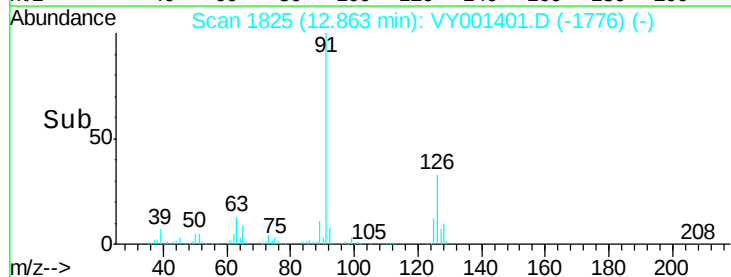
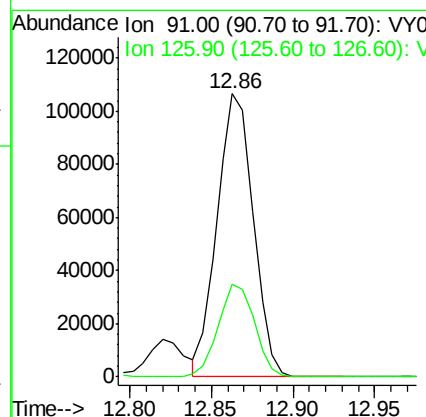
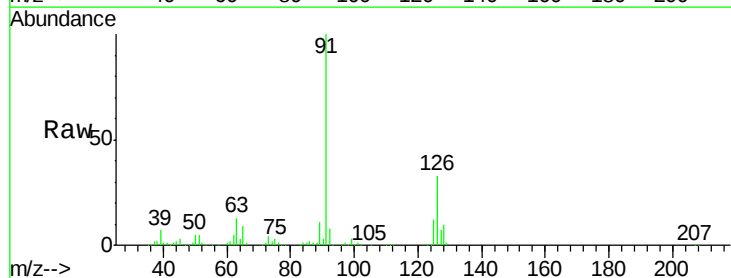
Manual Integrations
APPROVED

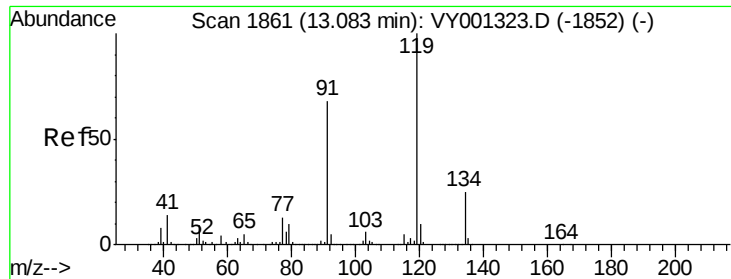
MMDadoda
1/28/2020 3:40:29 PM



#82
4-Chlorotoluene
Concen: 18.825 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.4	49.4





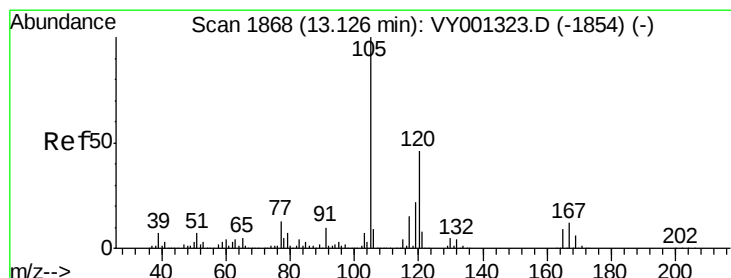
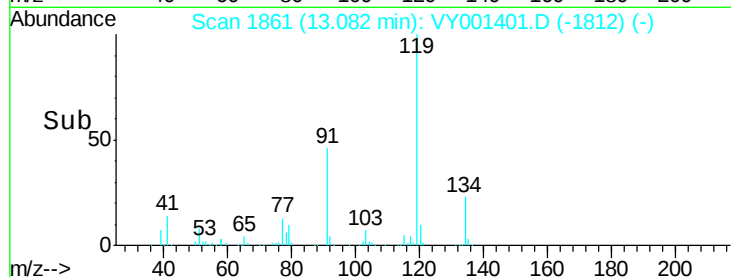
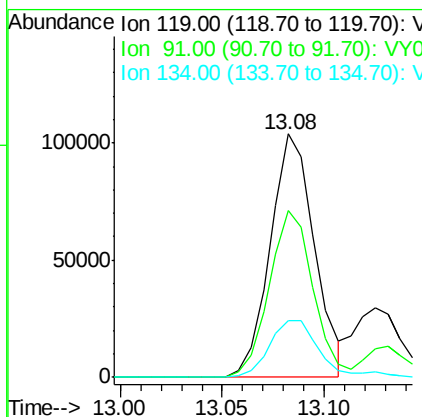
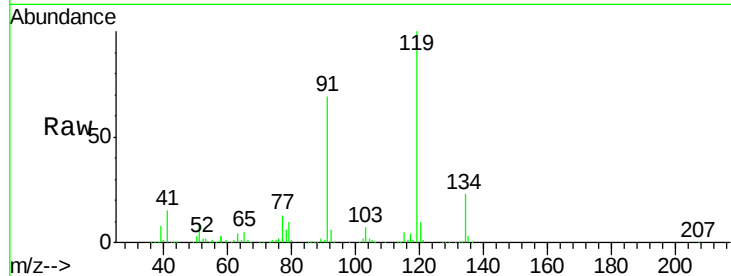
#83
tert-Butylbenzene
Concen: 18.716 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	157136		
91	68.1	33.0	99.0	
134	26.9	13.3	39.9	

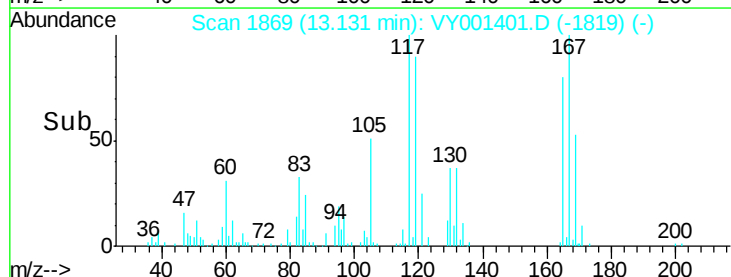
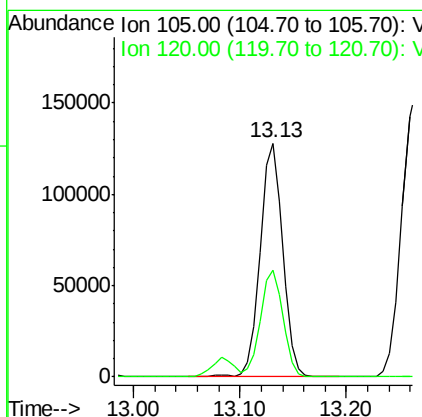
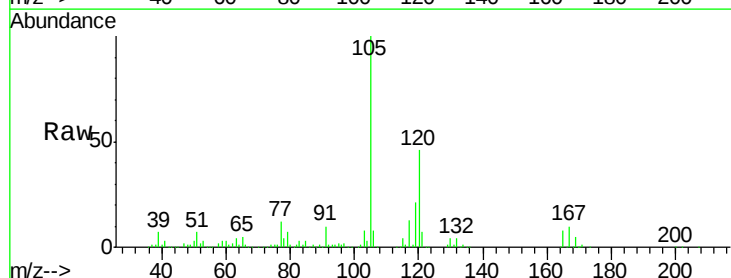
Manual Integrations
APPROVED

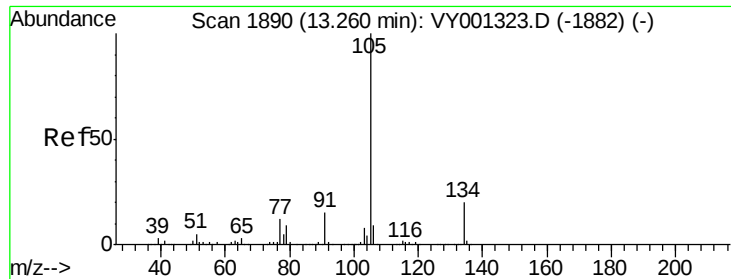
MMDadoda
1/28/2020 3:40:29 PM



#84
1,2,4-Trimethylbenzene
Concen: 19.081 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	190808		
120	45.6	22.4	67.3	





#85

sec-Butylbenzene

Concen: 19.531 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001401.D

Acq: 27 Jan 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBS01

Tot Ion:105 Resp: 232980

Ion Ratio Lower Upper

105 100

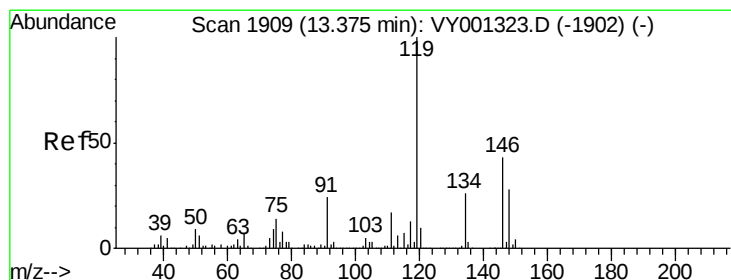
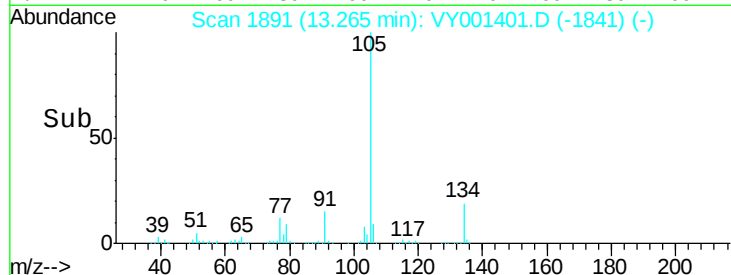
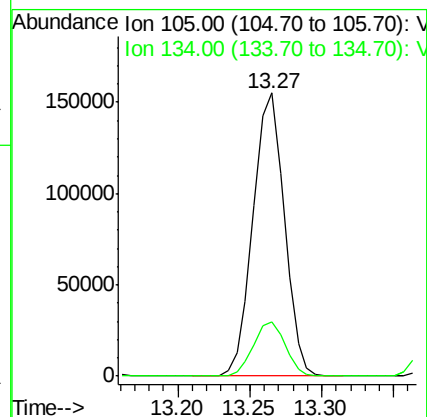
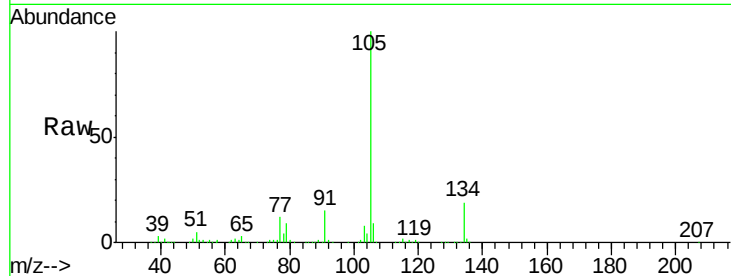
134 19.5 9.8 29.4

Manual Integrations

APPROVED

MMDadoda

1/28/2020 3:40:29 PM



#86

p-Isopropyltoluene

Concen: 19.790 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001401.D

Acq: 27 Jan 2020 13:32

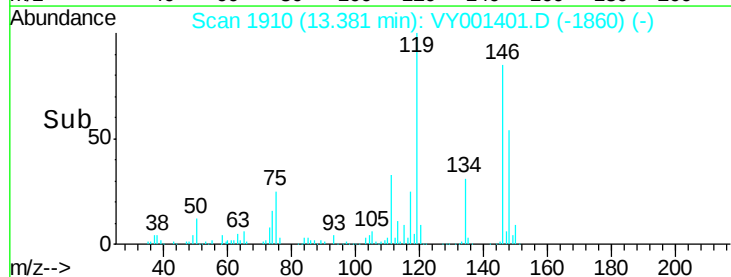
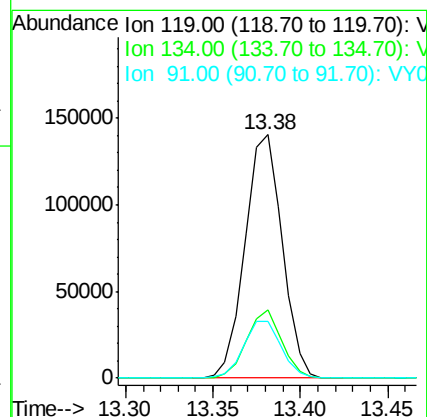
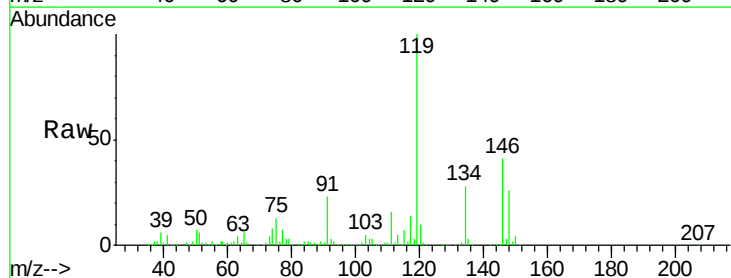
Tgt Ion:119 Resp: 208034

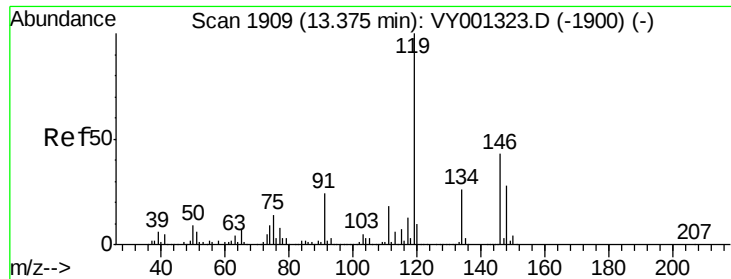
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 23.7 12.2 36.6





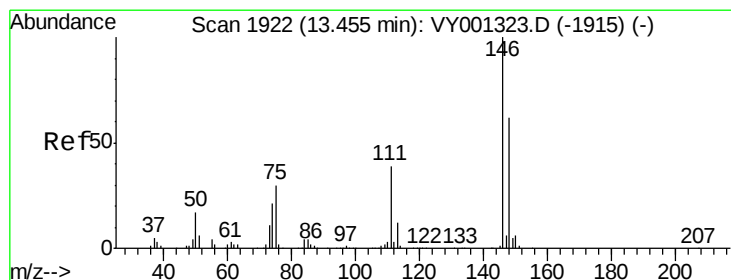
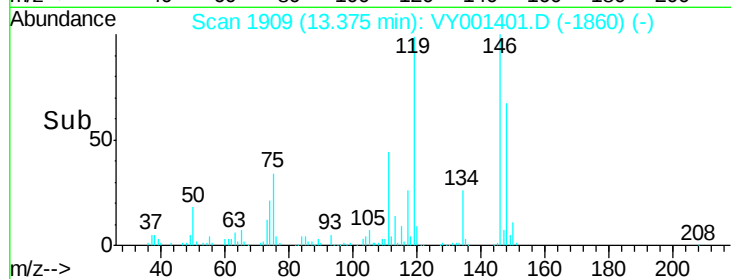
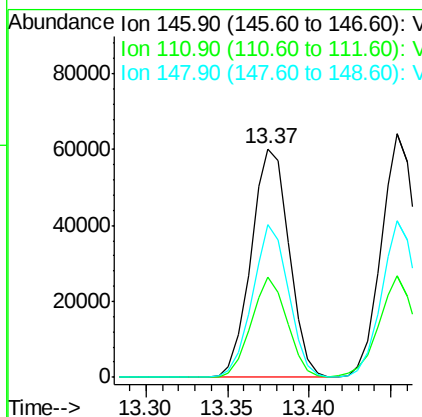
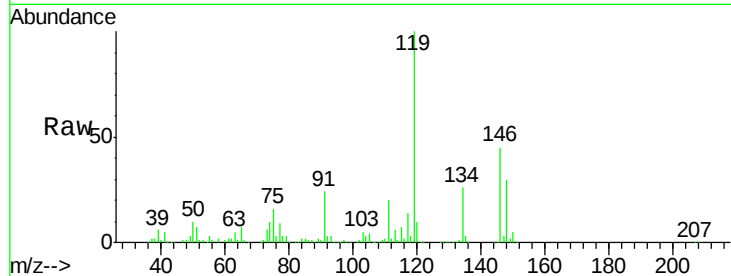
#87
 1,3-Dichlorobenzene
 Concen: 19.091 ug/l
 RT: 13.37 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001401.D
 Acq: 27 Jan 2020 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.6	61.8
148	63.5	31.6	95.0

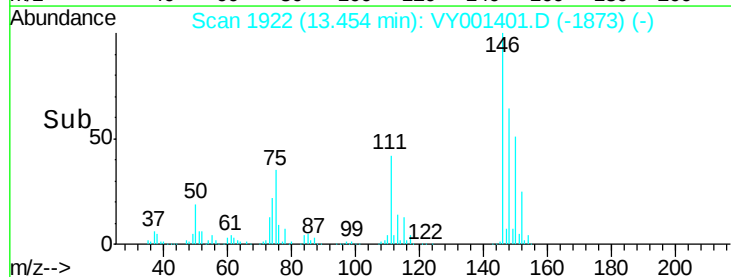
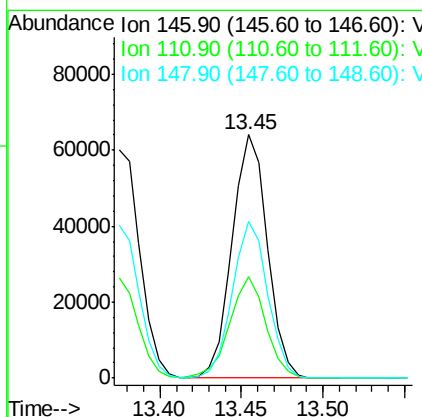
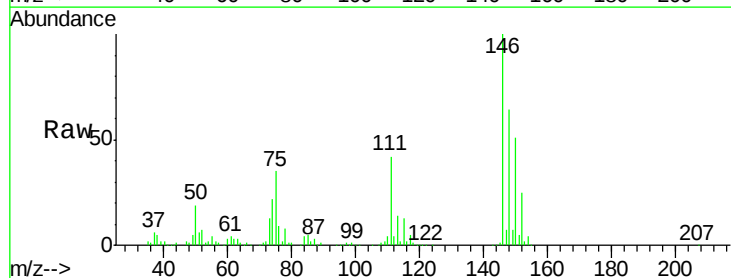
Manual Integrations
 APPROVED

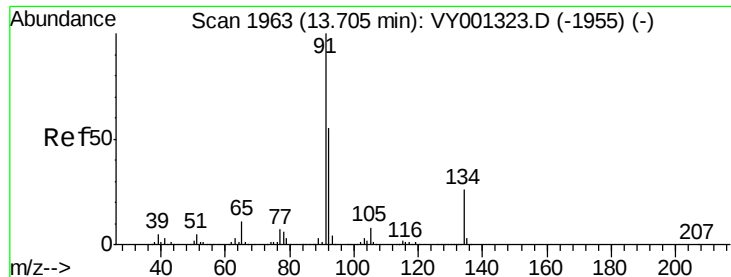
MMDadoda
 1/28/2020 3:40:29 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.718 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY001401.D
 Acq: 27 Jan 2020 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.5	61.5
148	64.3	31.6	95.0





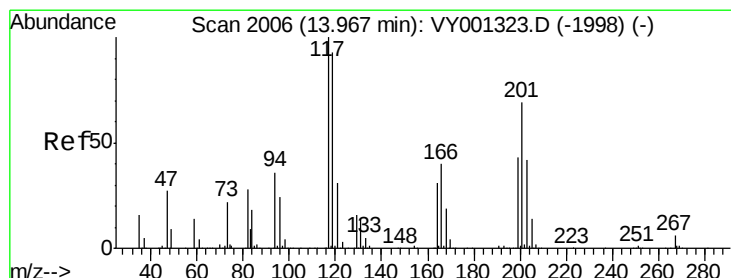
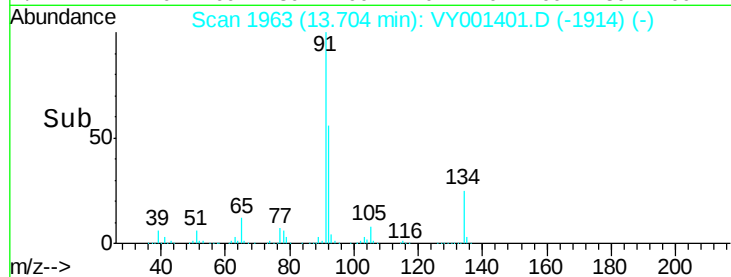
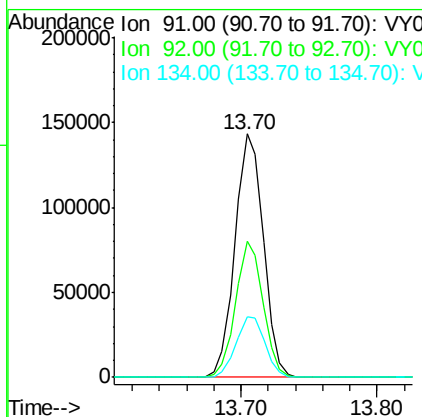
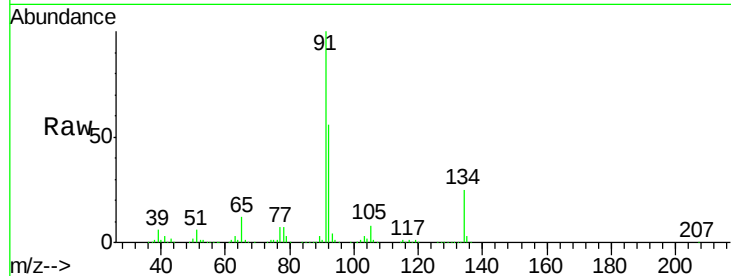
#89
n-Butylbenzene
Concen: 19.677 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	208169		
92	53.8		27.6	82.8
134	25.4		12.9	38.6

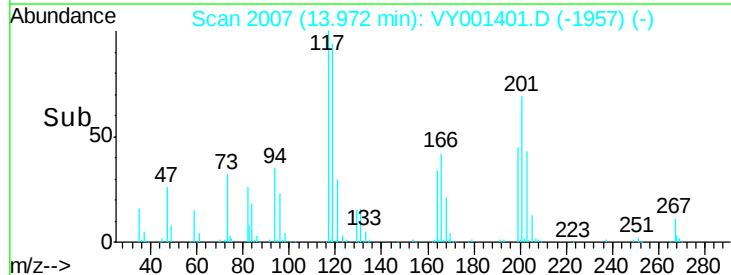
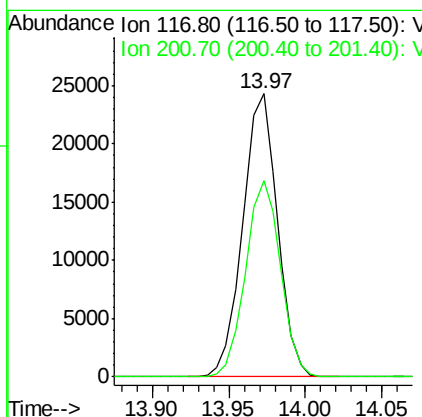
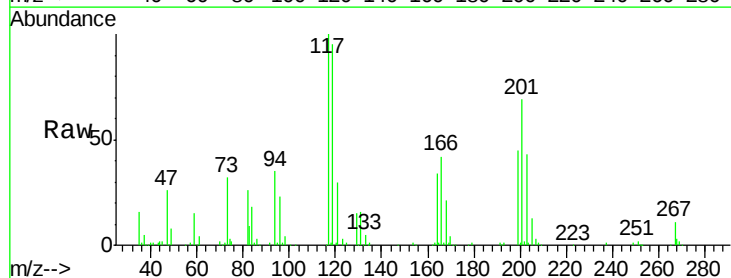
Manual Integrations
APPROVED

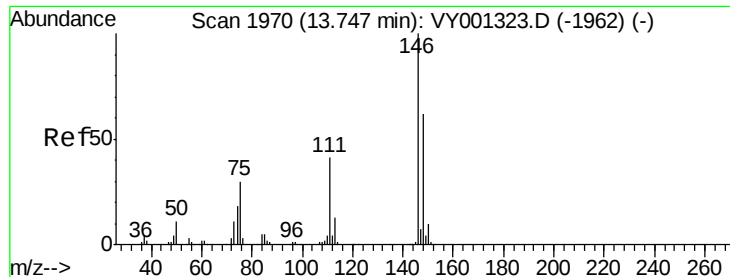
MMDadoda
1/28/2020 3:40:29 PM



#90
Hexachloroethane
Concen: 19.242 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	38341		
201	69.7		34.6	103.8





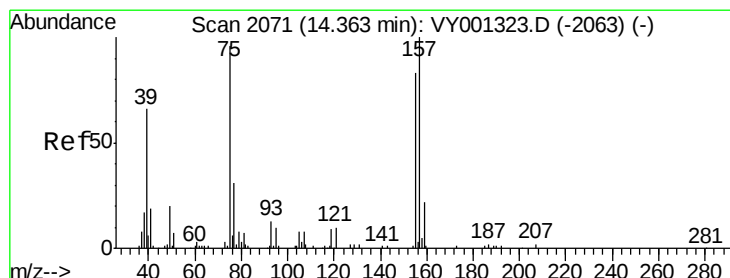
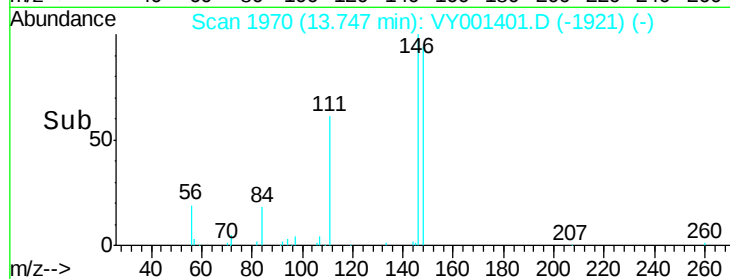
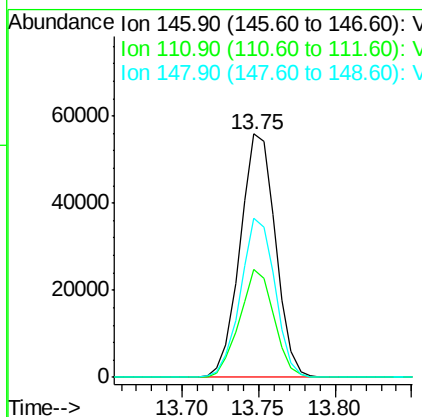
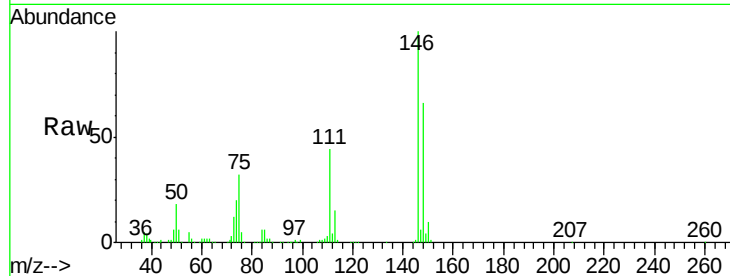
#91
 1,2-Dichlorobenzene
 Concen: 19.138 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY001401.D
 Acq: 27 Jan 2020 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.1	63.4
148	63.5	31.5	94.5

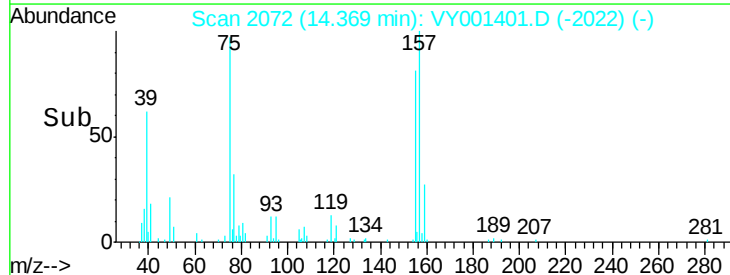
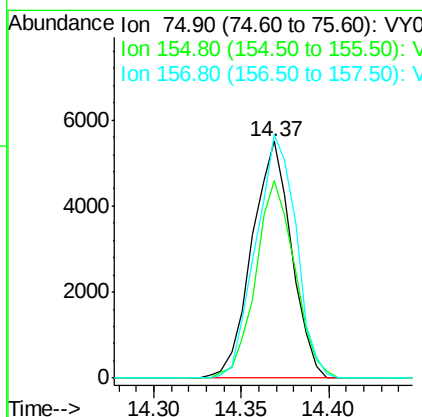
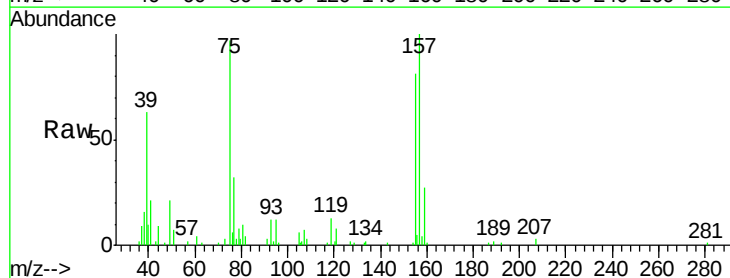
Manual Integrations
 APPROVED

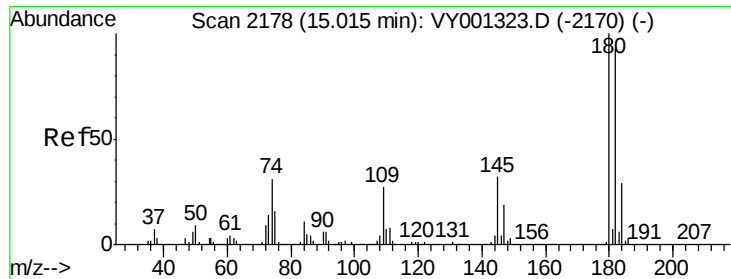
MMDadoda
 1/28/2020 3:40:29 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.623 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY001401.D
 Acq: 27 Jan 2020 13:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.2	43.0	129.2
157	104.5	53.3	160.0





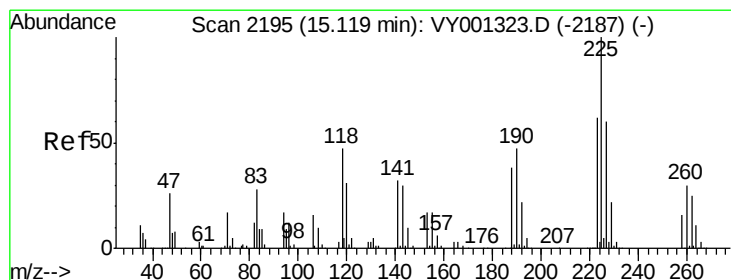
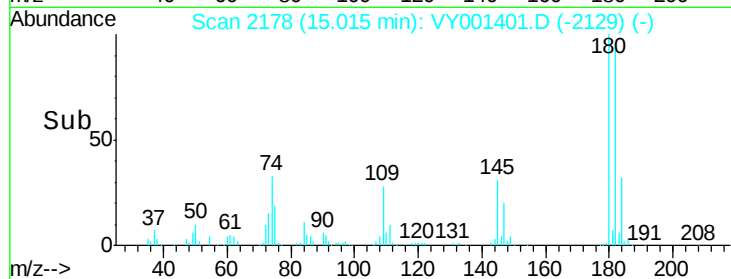
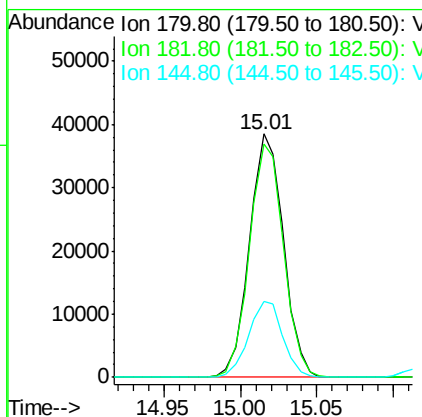
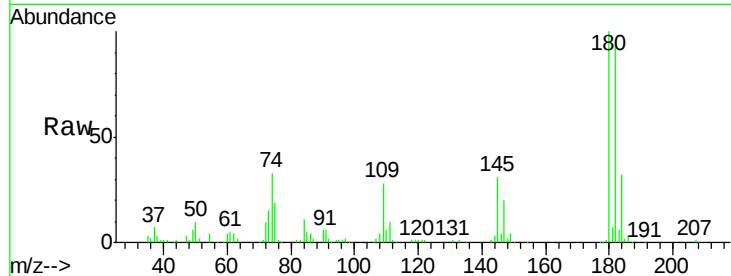
#93
 1,2,4-Trichlorobenzene
 Concen: 18.912 ug/l
 RT: 15.01 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY001401.D
 Acq: 27 Jan 2020 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.6	142.8
145	31.6	16.3	48.9

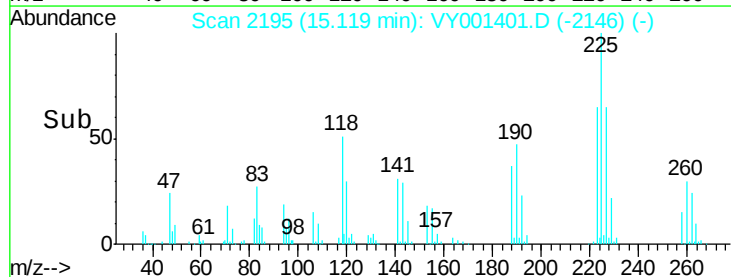
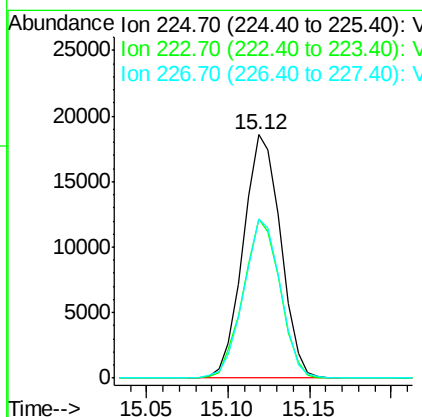
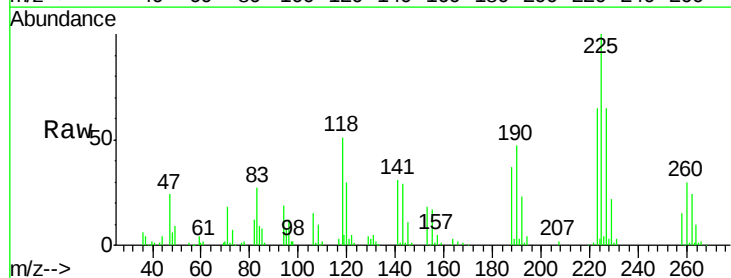
Manual Integrations
 APPROVED

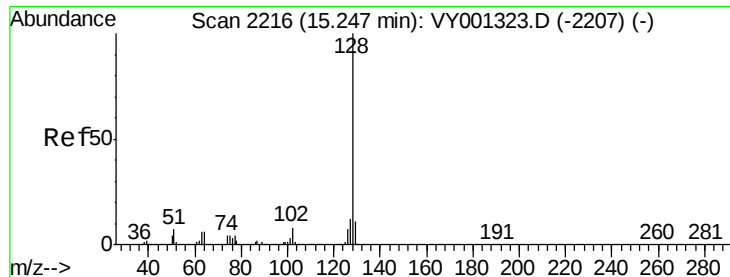
MMDadoda
 1/28/2020 3:40:29 PM



#94
 Hexachlorobutadiene
 Concen: 19.383 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY001401.D
 Acq: 27 Jan 2020 13:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.2	93.6
227	64.1	31.0	93.0





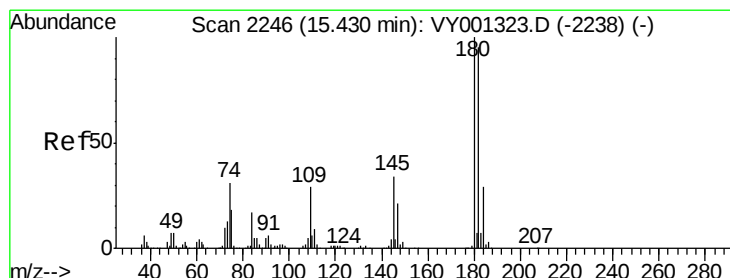
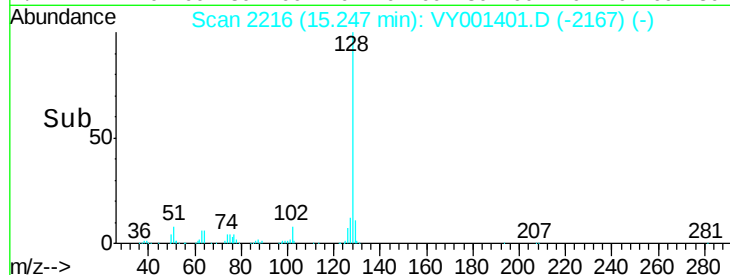
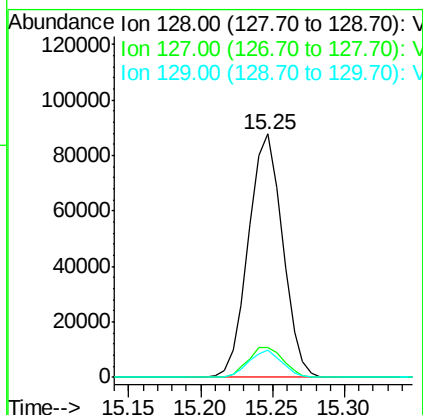
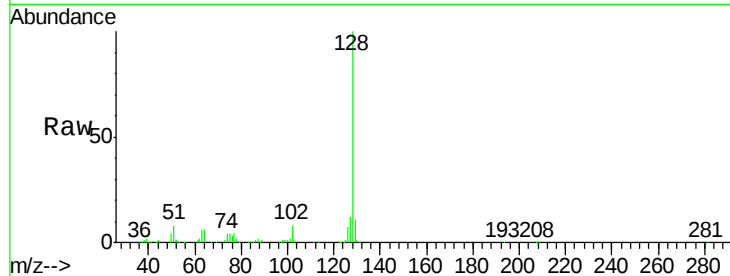
#95
Naphthalene
Concen: 19.994 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/28/2020 3:40:29 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.685 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001401.D
Acq: 27 Jan 2020 13:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.3	141.8
145	33.8	16.8	50.3

