

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
 Data File : VY001330.D
 Acq On : 22 Jan 2020 15:02
 Operator : SY/MD
 Sample : VY0122SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0122SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/23/2020 10:56:23 AM

Quant Time: Jan 23 02:47:40 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	7.82	168	217954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	372252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	327056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	154331	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	113893	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
35) Dibromofluoromethane	7.75	113	108043	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	10.19	98	442716	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
62) 4-Bromofluorobenzene	12.49	95	160569	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	37795	21.989	ug/l	98
3) Chloromethane	2.13	50	51632	19.876	ug/l	100
4) Vinyl Chloride	2.27	62	54819	20.238	ug/l	95
5) Bromomethane	2.66	94	37238	20.413	ug/l	94
6) Chloroethane	2.81	64	34153	19.732	ug/l	98
7) Trichlorofluoromethane	3.15	101	72012	20.779	ug/l	97
8) Diethyl Ether	3.56	74	27098	18.522	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	47112	21.346	ug/l	100
10) Methyl Iodide	4.13	142	54782	18.819	ug/l	99
11) Tert butyl alcohol	4.99	59	32317	96.481	ug/l #	94
12) 1,1-Dichloroethene	3.91	96	47299	20.439	ug/l	99
13) Acrolein	3.76	56	18978	100.147	ug/l	97
14) Allyl chloride	4.52	41	80904	19.604	ug/l	99
15) Acrylonitrile	5.21	53	66862	89.283	ug/l	99
16) Acetone	3.98	43	60457	91.977	ug/l	96
17) Carbon Disulfide	4.23	76	150273	20.648	ug/l	98
18) Methyl Acetate	4.52	43	34644	17.322	ug/l	98
19) Methyl tert-butyl Ether	5.26	73	124729	18.408	ug/l	99
20) Methylene Chloride	4.75	84	61599	18.351	ug/l	95
21) trans-1,2-Dichloroethene	5.26	96	52383	19.487	ug/l	94
22) Diisopropyl ether	6.16	45	161183	18.393	ug/l	94
23) Vinyl Acetate	6.10	43	517278	90.924	ug/l	100
24) 1,1-Dichloroethane	6.06	63	88995	19.267	ug/l	99
25) 2-Butanone	7.03	43	91930	89.056	ug/l	98
26) 2,2-Dichloropropane	7.02	77	81208	19.737	ug/l	99
27) cis-1,2-Dichloroethene	7.03	96	58356	19.425	ug/l	99
28) Bromochloromethane	7.37	49	32134	16.869	ug/l	98
29) Tetrahydrofuran	7.38	42	58746	87.474	ug/l	99
30) Chloroform	7.54	83	87180	19.256	ug/l	96
31) Cyclohexane	7.82	56	93988	20.494	ug/l	94
32) 1,1,1-Trichloroethane	7.74	97	75394	19.722	ug/l	99
36) 1,1-Dichloropropene	7.95	75	73534	20.909	ug/l	99
37) Ethyl Acetate	7.11	43	39760	18.504	ug/l	100
38) Carbon Tetrachloride	7.93	117	65566	20.919	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
 Data File : VY001330.D
 Acq On : 22 Jan 2020 15:02
 Operator : SY/MD
 Sample : VY0122SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0122SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/23/2020 10:56:23 AM

Quant Time: Jan 23 02:47:40 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	9.21	83	97073	21.547	ug/l	98
40) Benzene	8.19	78	211991	20.103	ug/l	99
41) Methacrylonitrile	7.36	41	25885m	23.345	ug/l	
42) 1,2-Dichloroethane	8.27	62	57115	19.384	ug/l	100
43) Isopropyl Acetate	8.30	43	77430	18.532	ug/l	99
44) Trichloroethene	8.96	130	54637	20.191	ug/l	100
45) 1,2-Dichloropropane	9.24	63	52697	19.768	ug/l	100
46) Dibromomethane	9.33	93	26545	18.549	ug/l	98
47) Bromodichloromethane	9.52	83	66565	19.457	ug/l	98
48) Methyl methacrylate	9.31	41	34705	18.272	ug/l	99
49) 1,4-Dioxane	9.32	88	7565	374.852	ug/l	98
51) 4-Methyl-2-Pentanone	10.09	43	195733	90.968	ug/l	100
52) Toluene	10.26	92	133449	19.964	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	73363	19.347	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	86885	19.963	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	40204	19.033	ug/l	99
56) Ethyl methacrylate	10.52	69	59324	18.582	ug/l	99
57) 1,3-Dichloropropane	10.80	76	70004	19.025	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	110617	100.130	ug/l	99
59) 2-Hexanone	10.85	43	140994	94.126	ug/l	98
60) Dibromochloromethane	11.00	129	44971	19.036	ug/l	100
61) 1,2-Dibromoethane	11.10	107	37768	18.914	ug/l	98
64) Tetrachloroethene	10.73	164	43332	20.742	ug/l	98
65) Chlorobenzene	11.53	112	137753	19.982	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	46915	19.941	ug/l	99
67) Ethyl Benzene	11.60	91	260387	20.495	ug/l	99
68) m/p-Xylenes	11.71	106	194920	41.079	ug/l	99
69) o-Xylene	12.04	106	90747	19.880	ug/l	97
70) Styrene	12.05	104	161448	20.158	ug/l	98
71) Bromoform	12.22	173	25853	18.409	ug/l #	100
73) Isopropylbenzene	12.34	105	248245	20.385	ug/l	99
74) N-amyl acetate	12.16	43	73076	18.332	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	49449	18.960	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	39637m	21.314	ug/l	
77) Bromobenzene	12.62	156	53556	19.855	ug/l	99
78) n-propylbenzene	12.68	91	305407	20.836	ug/l	99
79) 2-Chlorotoluene	12.77	91	169776	20.275	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	208869	20.547	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	18540	18.866	ug/l	97
82) 4-Chlorotoluene	12.86	91	177425	19.836	ug/l	99
83) tert-Butylbenzene	13.08	119	174071	20.315	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	209474	20.525	ug/l	99
85) sec-Butylbenzene	13.27	105	258941	21.270	ug/l	100
86) p-Isopropyltoluene	13.38	119	226658	21.127	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	107432	20.681	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	107386	20.359	ug/l	99
89) n-Butylbenzene	13.70	91	227593	21.079	ug/l	99
90) Hexachloroethane	13.97	117	42255	20.779	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	96044	20.047	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	8211	18.245	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
Data File : VY001330.D
Acq On : 22 Jan 2020 15:02
Operator : SY/MD
Sample : VY0122SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

Manual Integrations
APPROVED

MMDadoda
1/23/2020 10:56:23 AM

Quant Time: Jan 23 02:47:40 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	15.02	180	66159	20.576	ug/l	98
94) Hexachlorobutadiene	15.13	225	33148	21.172	ug/l	100
95) Naphthalene	15.25	128	141121	19.194	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	56604	20.068	ug/l	99

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

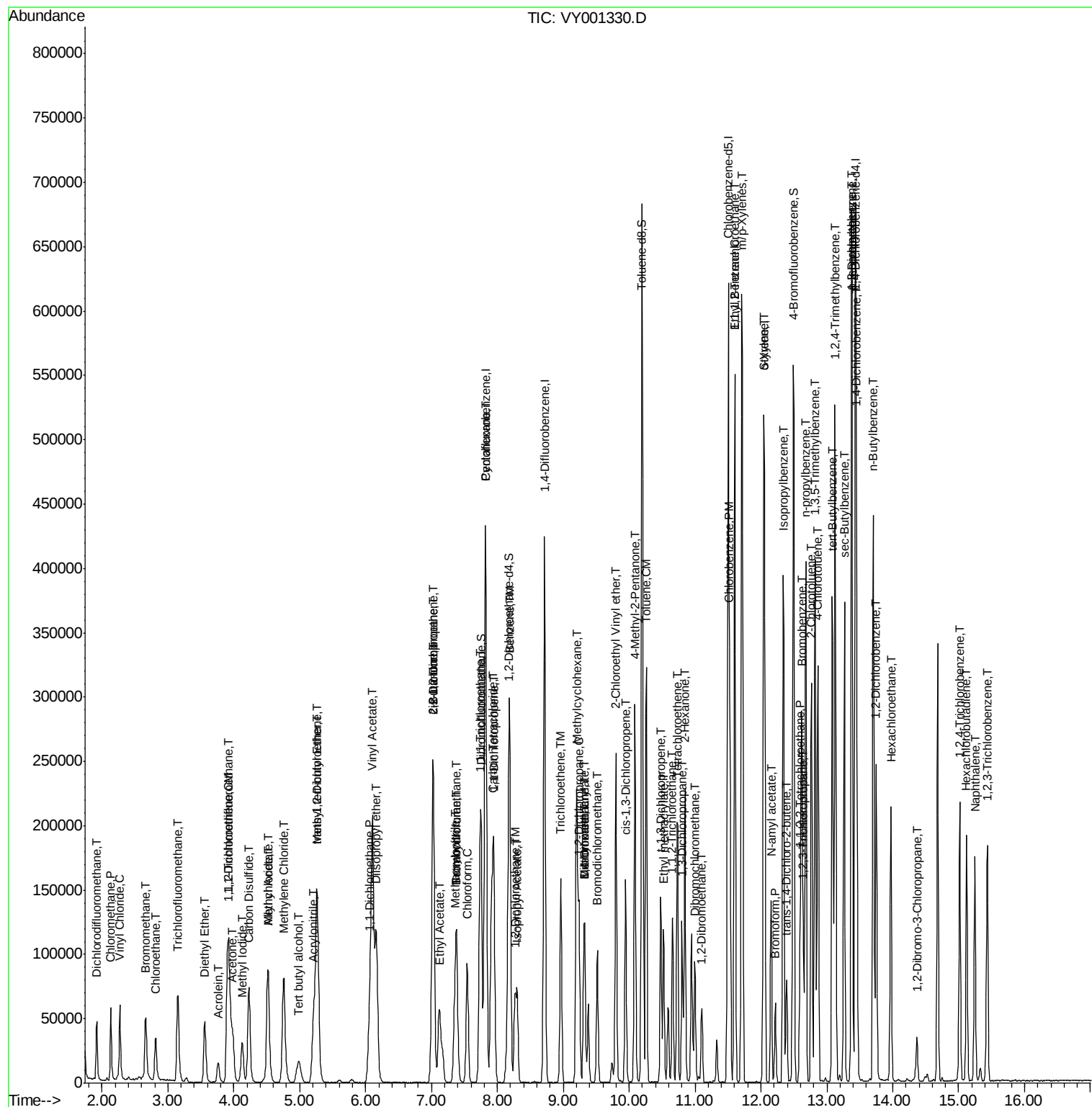
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
 Data File : VY001330.D
 Acq On : 22 Jan 2020 15:02
 Operator : SY/MD
 Sample : VY0122SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

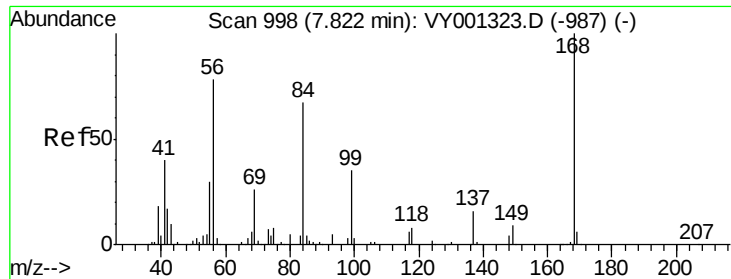
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0122SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/23/2020 10:56:23 AM

Quant Time: Jan 23 02:47:40 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: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

Tot Ion:168 Resp: 217954

Ion Ratio Lower Upper

168 100

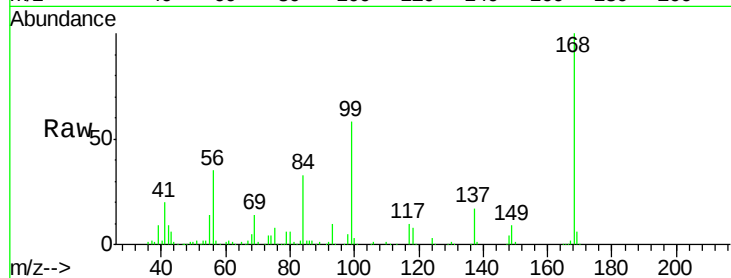
99 58.5 44.3 66.5

Manual Integrations

APPROVED

MMDadoda

1/23/2020 10:56:23 AM



Abundance Ion 167.90 (167.60 to 168.60): VY001330.D (-949) (-)

Ion 98.90 (98.60 to 99.60): VY001330.D (-949) (-)

7.82

100000

80000

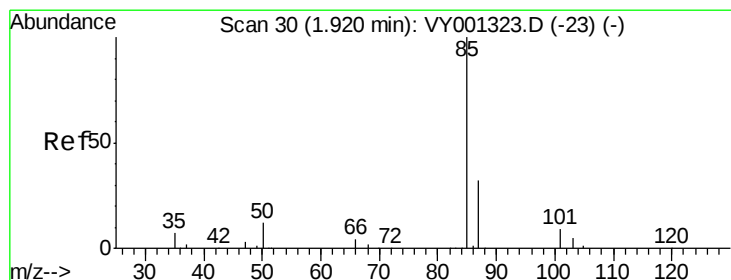
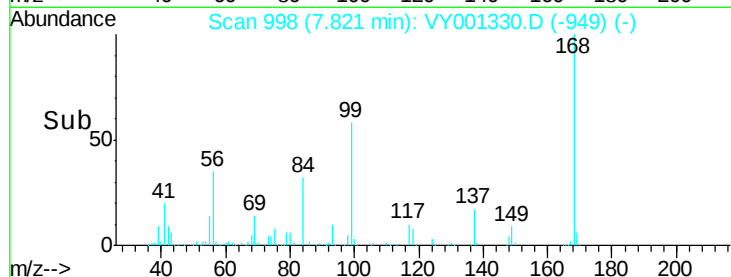
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.989 ug/l

RT: 1.92 min Scan# 30

Delta R.T. -0.00 min

Lab File: VY001330.D

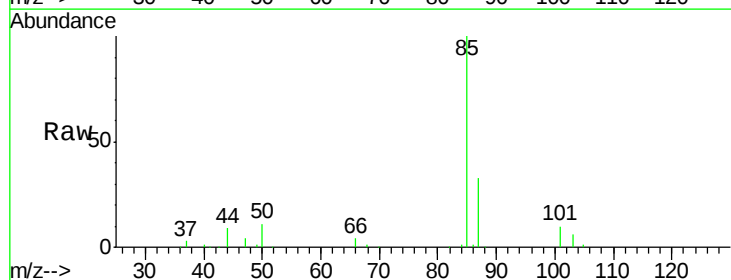
Acq: 22 Jan 2020 15:02

Tgt Ion: 85 Resp: 37795

Ion Ratio Lower Upper

85 100

87 33.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001330.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001330.D (-1) (-)

1.92

30000

25000

20000

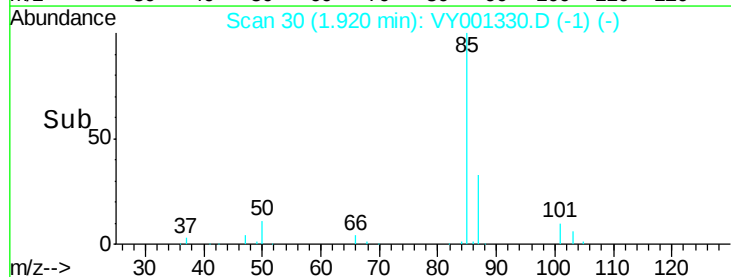
15000

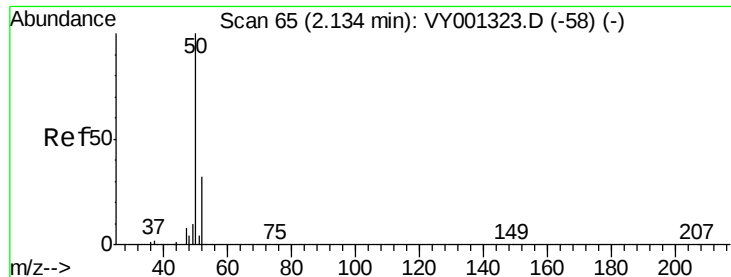
10000

5000

0

Time-->





#3

Chloromethane

Concen: 19.876 ug/l

RT: 2.13 min Scan# 65

Delta R.T. -0.00 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

Tot Ion: 50 Resp: 51632

Ion Ratio Lower Upper

50 100

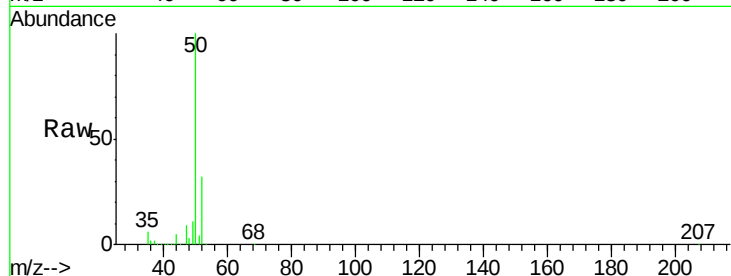
52 32.0 25.7 38.5

Manual Integrations

APPROVED

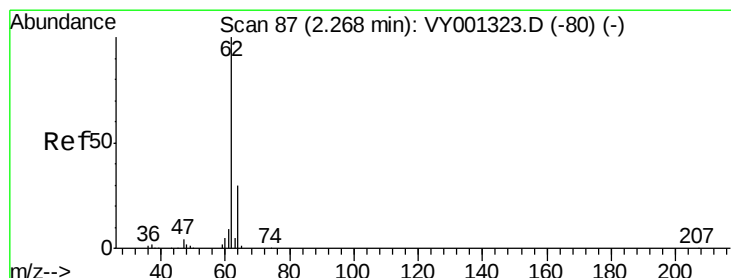
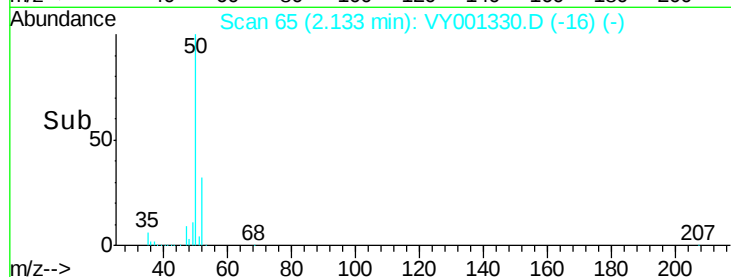
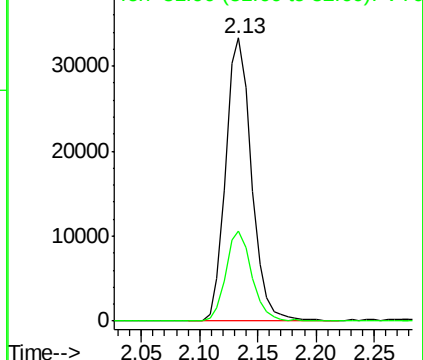
MMDadoda

1/23/2020 10:56:23 AM



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.238 ug/l

RT: 2.27 min Scan# 87

Delta R.T. -0.00 min

Lab File: VY001330.D

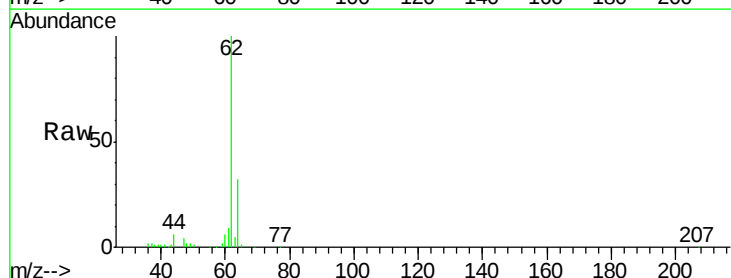
Acq: 22 Jan 2020 15:02

Tgt Ion: 62 Resp: 54819

Ion Ratio Lower Upper

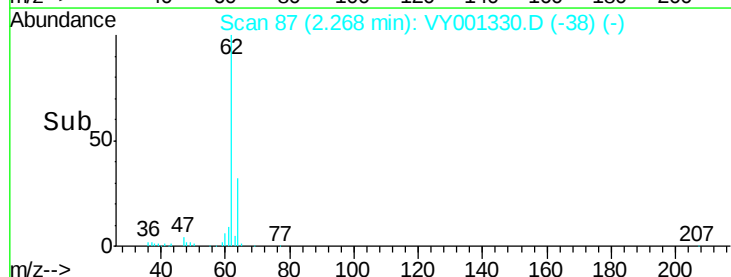
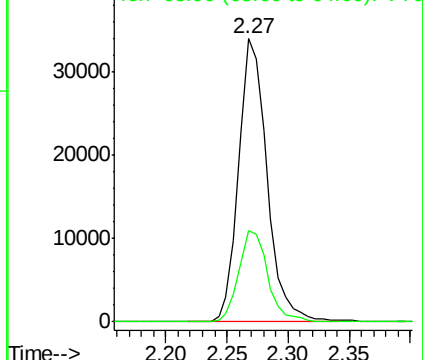
62 100

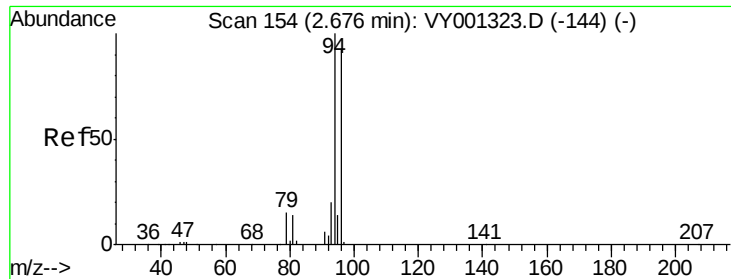
64 32.4 23.9 35.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 20.413 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

Tot Ion: 94 Resp: 37238

Ion Ratio Lower Upper

94 100

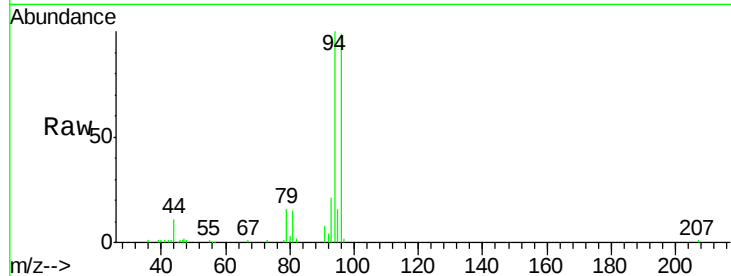
96 99.1 74.6 111.8

Manual Integrations

APPROVED

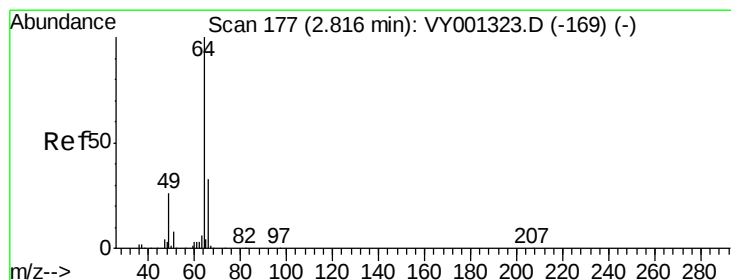
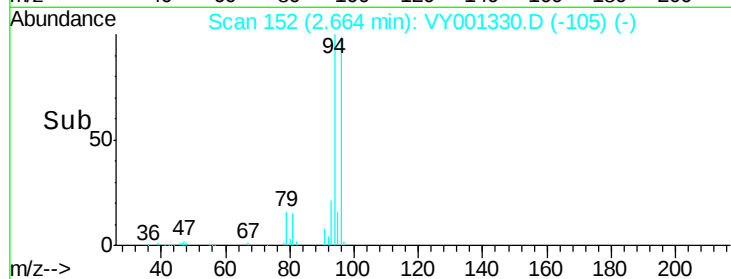
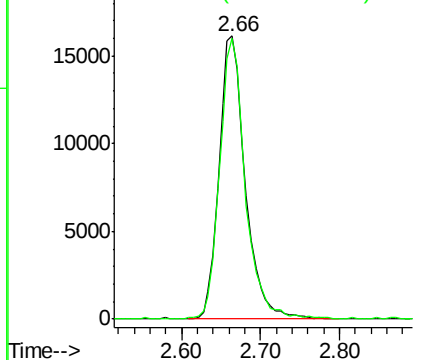
MMDadoda

1/23/2020 10:56:23 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.732 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.01 min

Lab File: VY001330.D

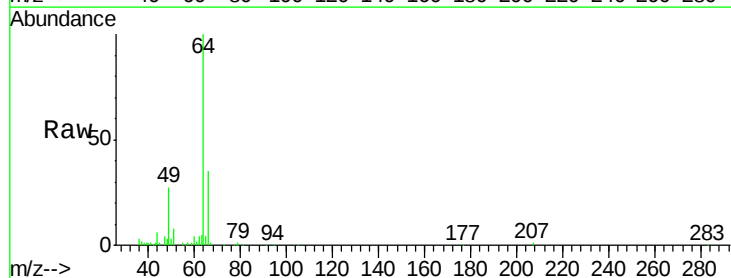
Acq: 22 Jan 2020 15:02

Tgt Ion: 64 Resp: 34153

Ion Ratio Lower Upper

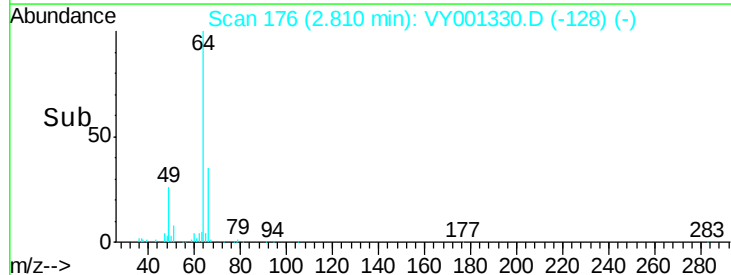
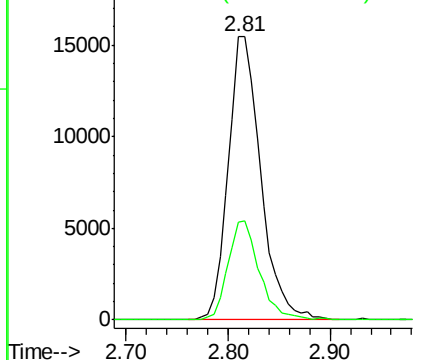
64 100

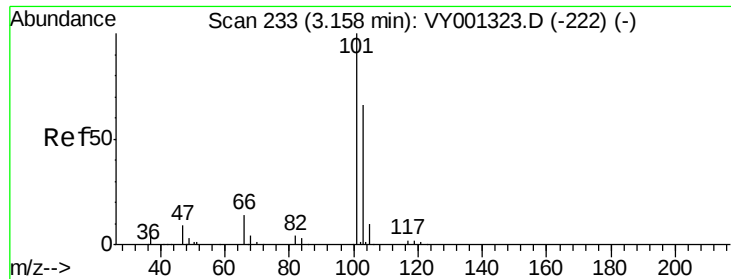
66 34.5 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

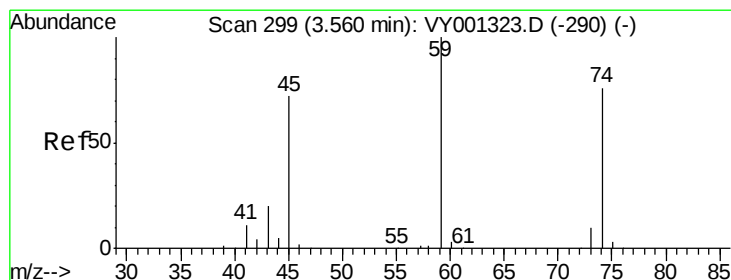
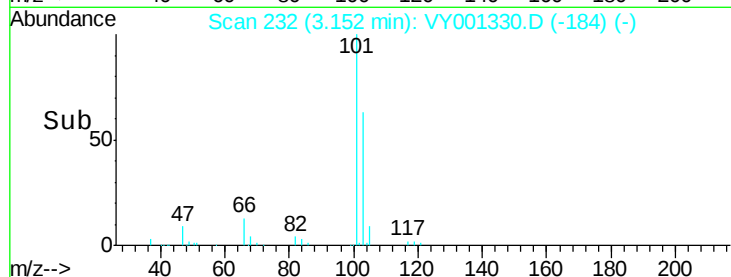
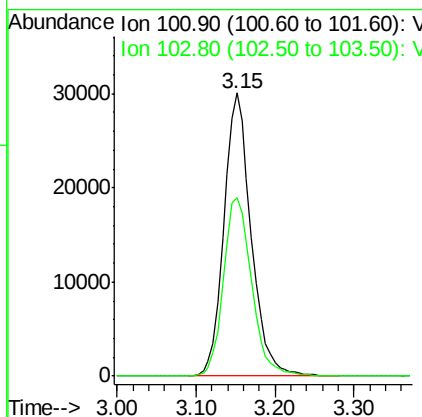
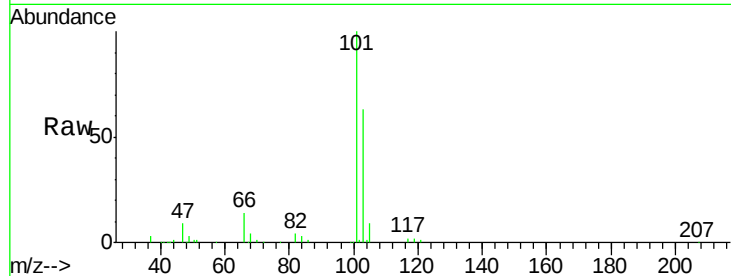
Trichlorofluoromethane
Concen: 20.779 ug/l
RT: 3.15 min Scan# 232
Delta R.T. -0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	52.5	78.7

Manual Integrations
APPROVED

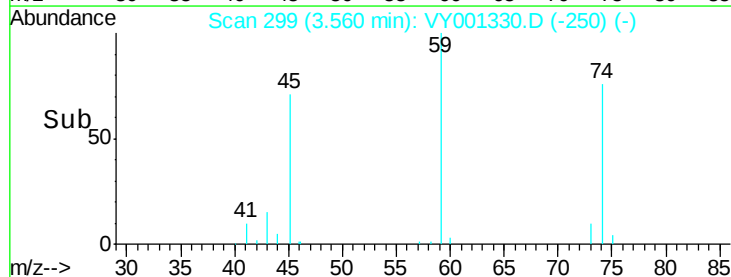
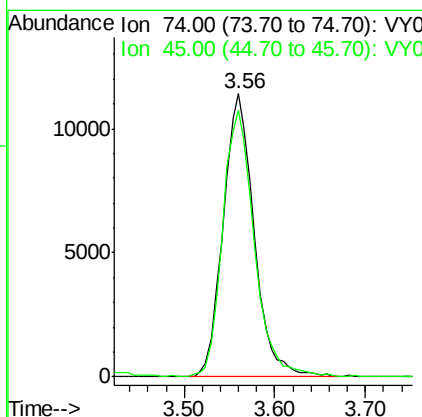
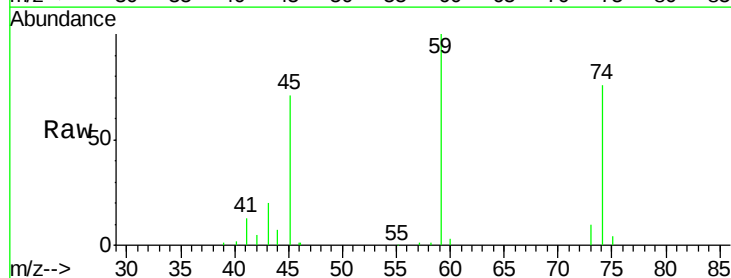
MMDadoda
1/23/2020 10:56:23 AM



#8

Diethyl Ether
Concen: 18.522 ug/l
RT: 3.56 min Scan# 299
Delta R.T. -0.00 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.0	47.2	141.6





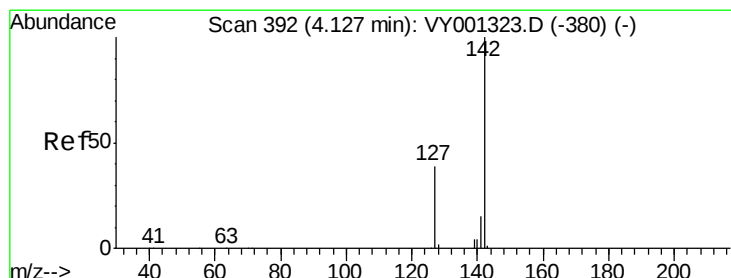
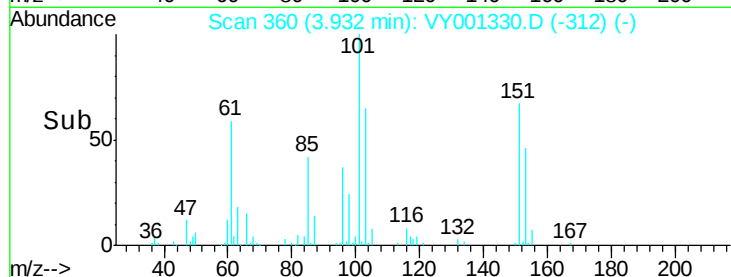
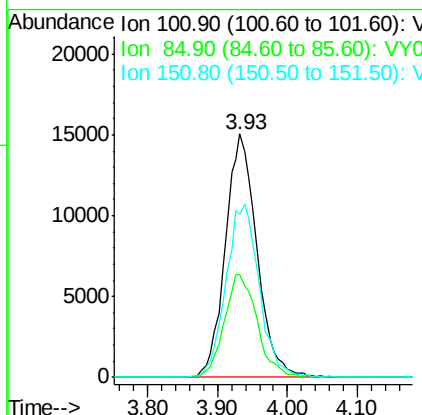
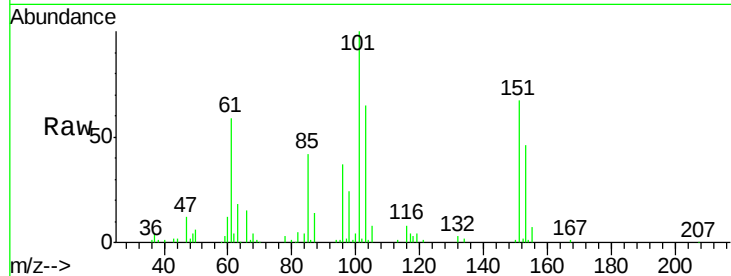
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.346 ug/l
 RT: 3.93 min Scan# 360
 Delta R.T. -0.01 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	47112		
85	43.9		34.9	52.3
151	75.1		59.9	89.9

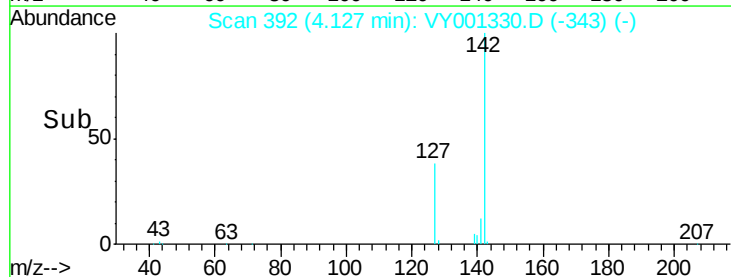
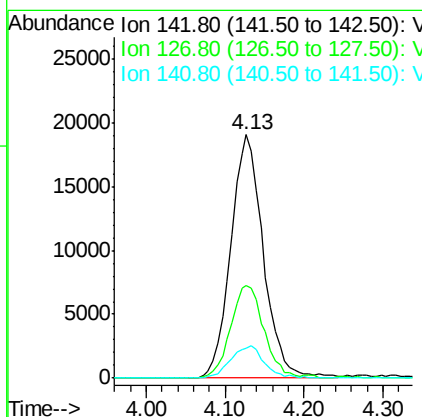
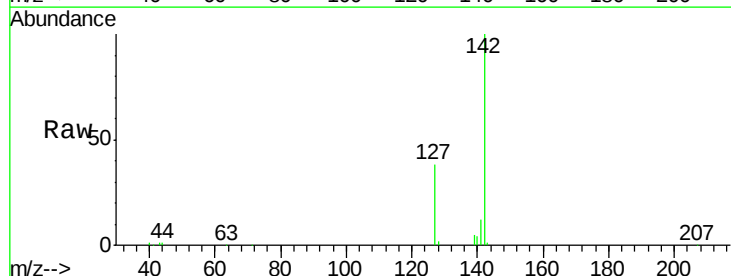
Manual Integrations
 APPROVED

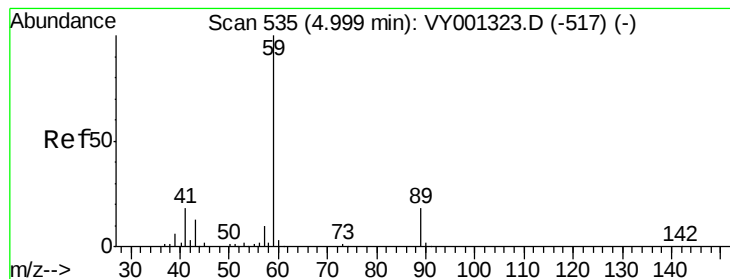
MMDadoda
 1/23/2020 10:56:23 AM



#10
 Methyl Iodide
 Concen: 18.819 ug/l
 RT: 4.13 min Scan# 392
 Delta R.T. -0.00 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	54782		
127	38.8		31.6	47.4
141	13.6		11.2	16.8





#11

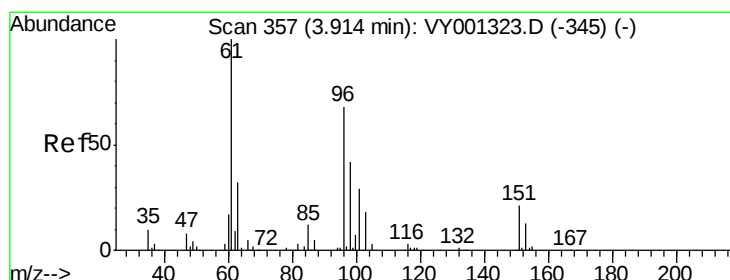
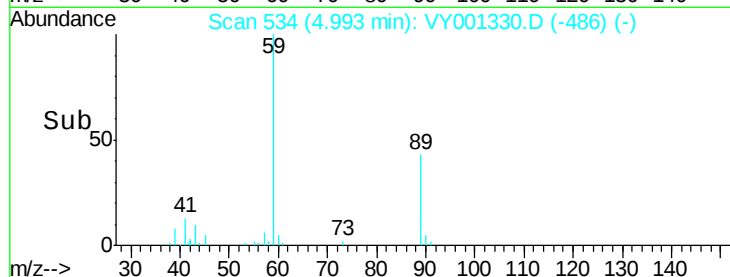
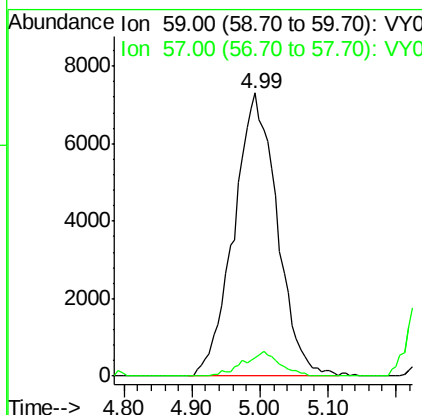
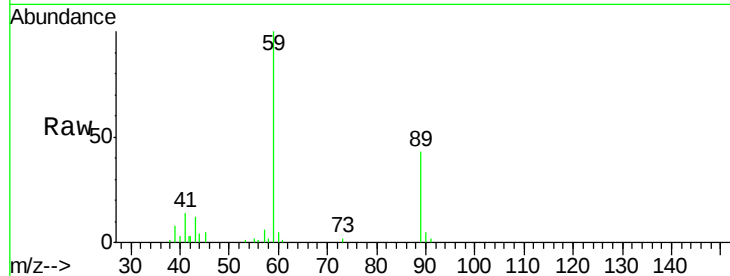
Tert butyl alcohol
Concen: 96.481 ug/l
RT: 4.99 min Scan# 534
Delta R.T. -0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

Tot Ion: 59 Resp: 32317
Ion Ratio Lower Upper
59 100
57 7.2 7.4 11.2#

Manual Integrations
APPROVED

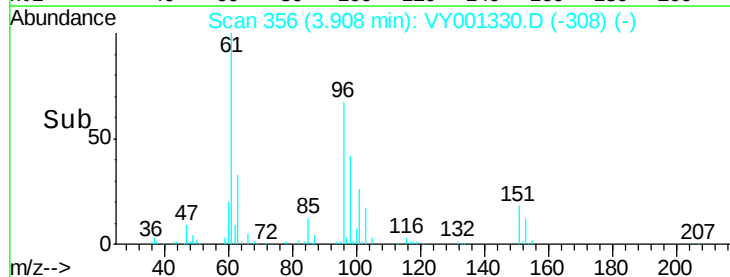
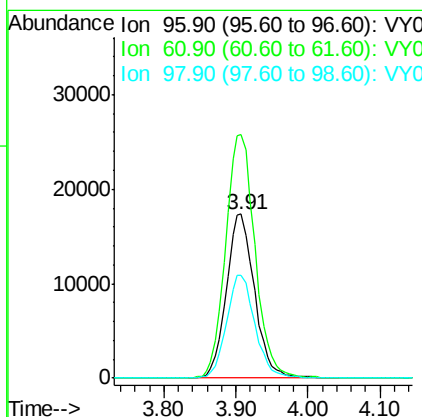
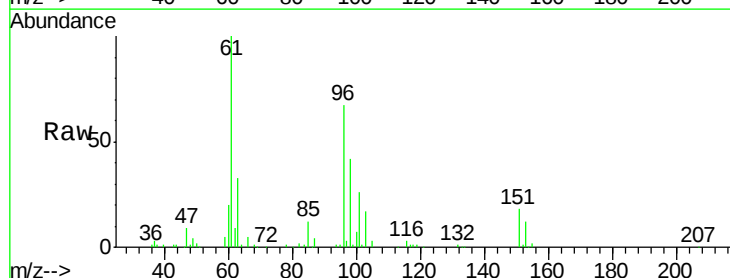
MMDadoda
1/23/2020 10:56:23 AM

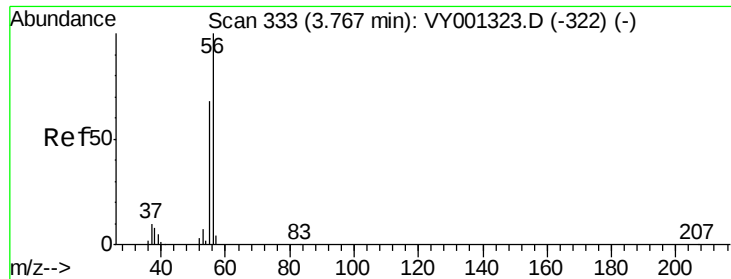


#12

1,1-Dichloroethene
Concen: 20.439 ug/l
RT: 3.91 min Scan# 356
Delta R.T. -0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion: 96 Resp: 47299
Ion Ratio Lower Upper
96 100
61 148.3 118.0 177.0
98 62.7 49.4 74.2





#13

Acrolein

Concen: 100.147 ug/l

RT: 3.76 min Scan# 332

Delta R.T. -0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

Tot Ion: 56 Resp: 18978

Ion Ratio Lower Upper

56 100

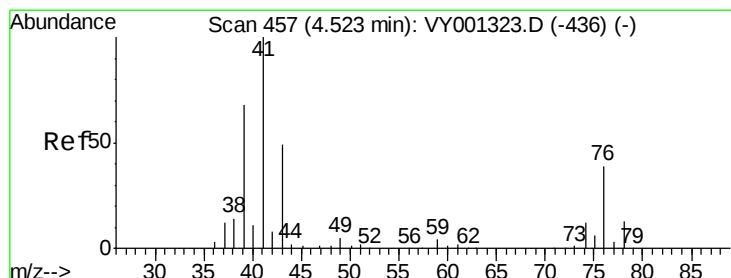
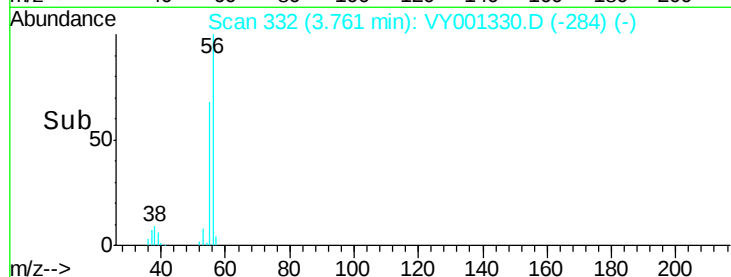
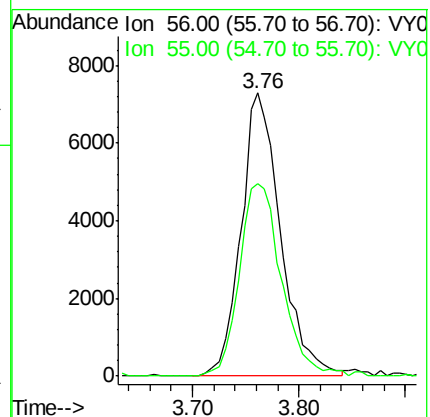
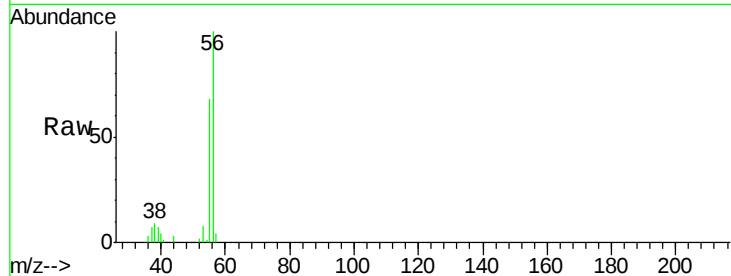
55 72.2 55.9 83.9

Manual Integrations

APPROVED

MMDadoda

1/23/2020 10:56:23 AM



#14

Allyl chloride

Concen: 19.604 ug/l

RT: 4.52 min Scan# 456

Delta R.T. -0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

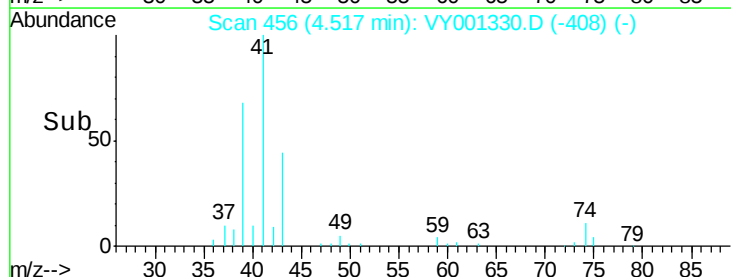
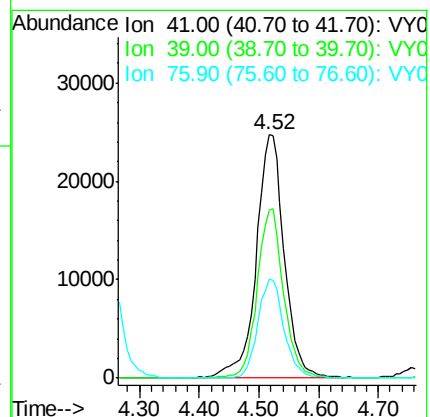
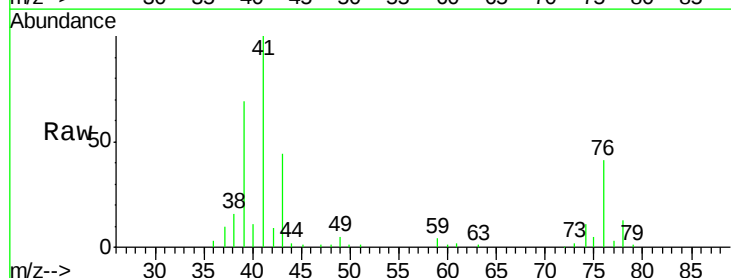
Tgt Ion: 41 Resp: 80904

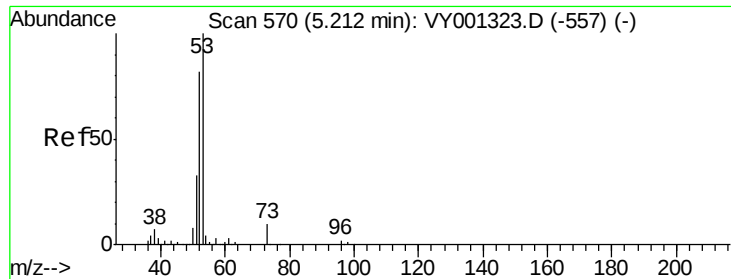
Ion Ratio Lower Upper

41 100

39 65.4 52.2 78.4

76 37.9 29.1 43.7





#15

Acrylonitrile

Concen: 89.283 ug/l

RT: 5.21 min Scan# 569

Delta R.T. -0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

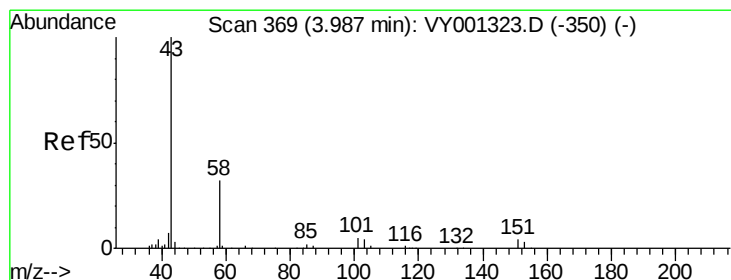
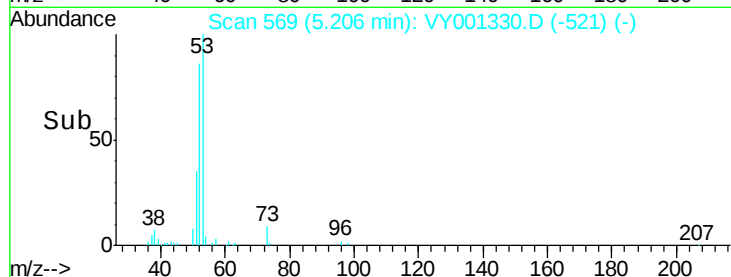
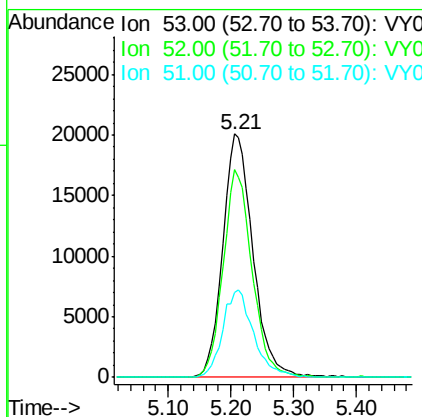
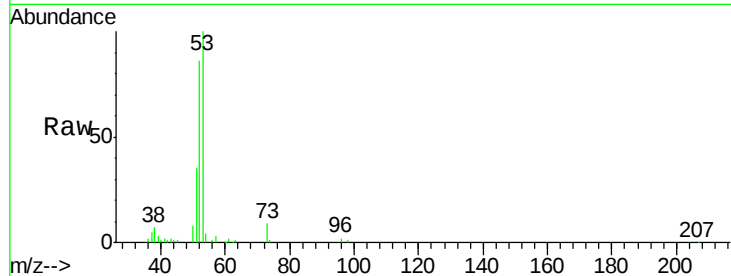
ClientSampleId :

VY0122SBS01

Tot Ion:	53	Resp:	66862
Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.3	97.9
51	36.5	28.4	42.6

Manual Integrations
APPROVED

MMDadoda
1/23/2020 10:56:23 AM



#16

Acetone

Concen: 91.977 ug/l

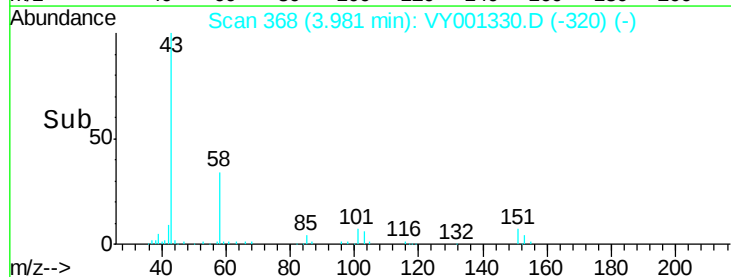
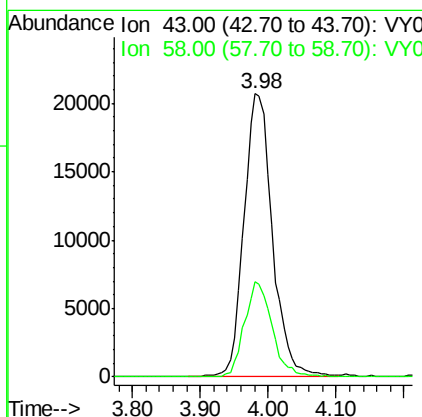
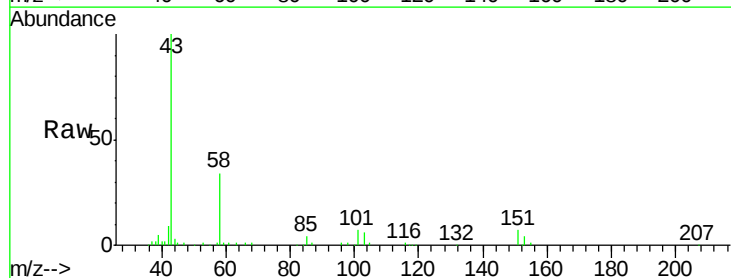
RT: 3.98 min Scan# 368

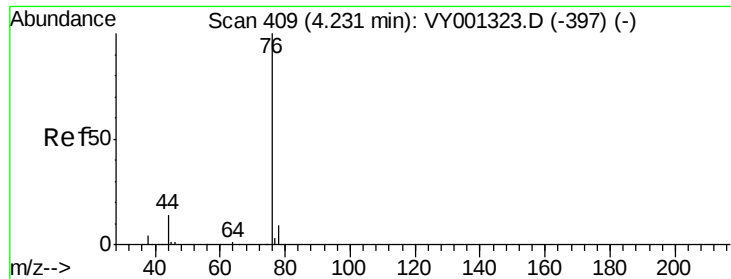
Delta R.T. -0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Tgt Ion:	43	Resp:	60457
Ion	Ratio	Lower	Upper
43	100		
58	33.8	25.4	38.0





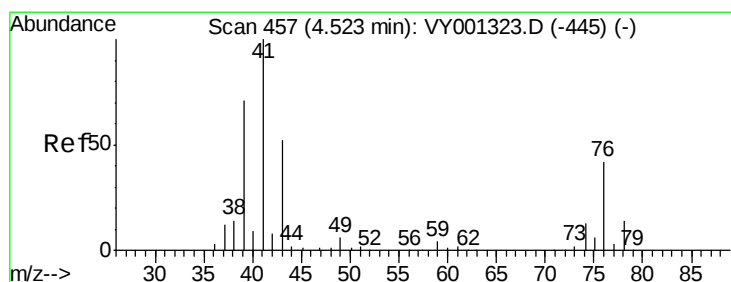
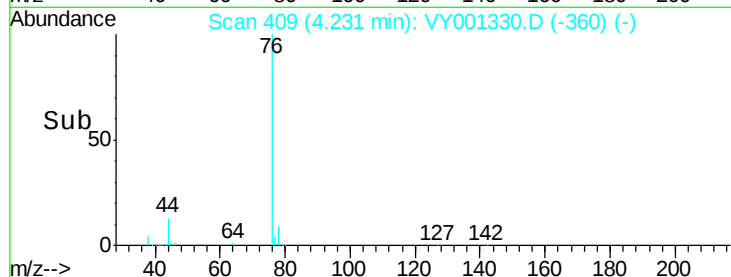
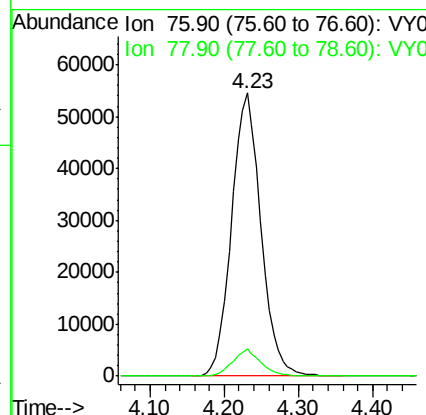
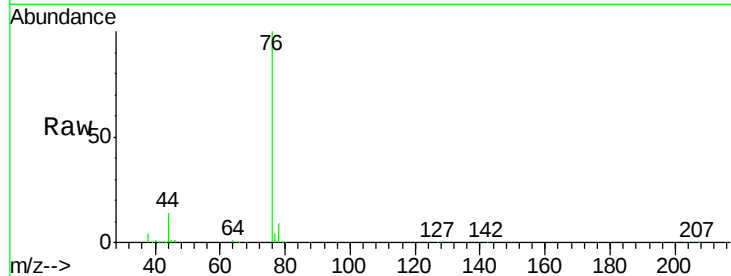
#17
Carbon Disulfide
Concen: 20.648 ug/l
RT: 4.23 min Scan# 409
Delta R.T. -0.00 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

Tot Ion: 76 Resp: 150273
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

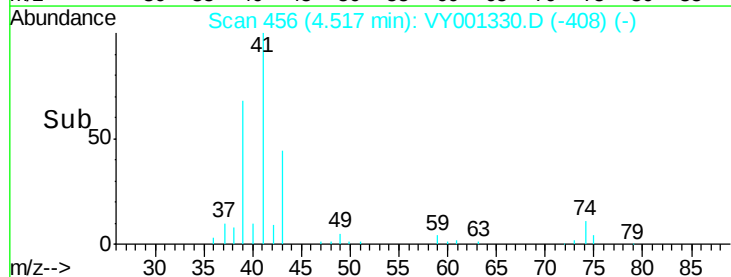
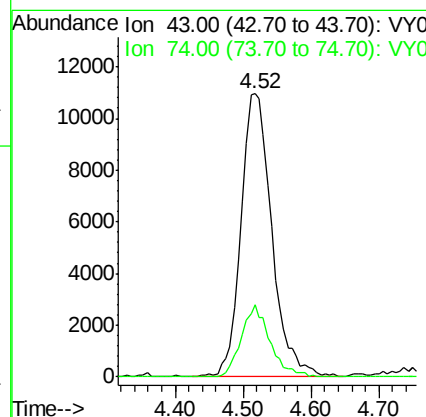
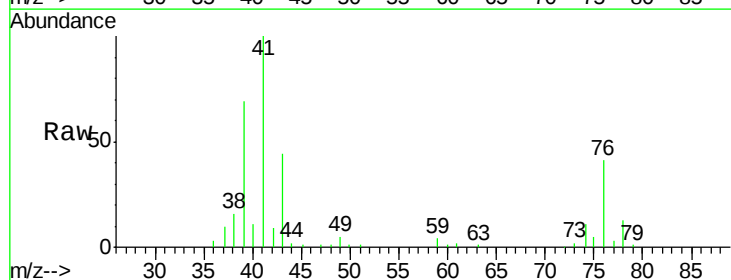
Manual Integrations
APPROVED

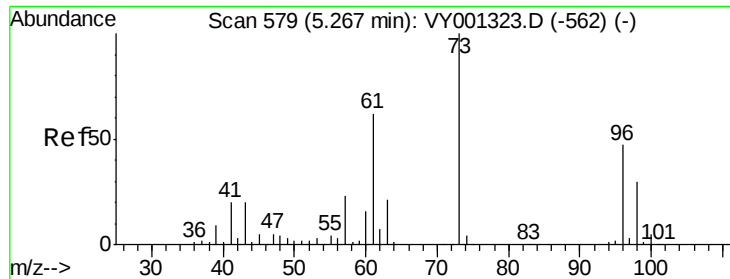
MMDadoda
1/23/2020 10:56:23 AM



#18
Methyl Acetate
Concen: 17.322 ug/l
RT: 4.52 min Scan# 456
Delta R.T. -0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion: 43 Resp: 34644
Ion Ratio Lower Upper
43 100
74 23.4 19.4 29.2





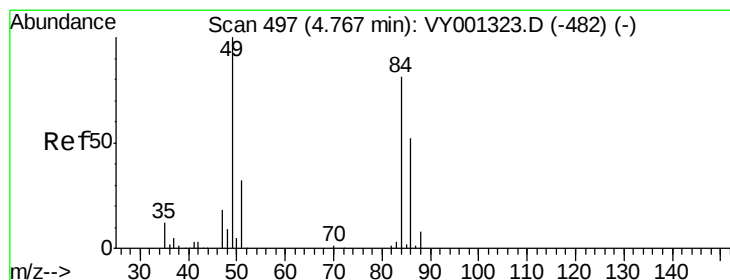
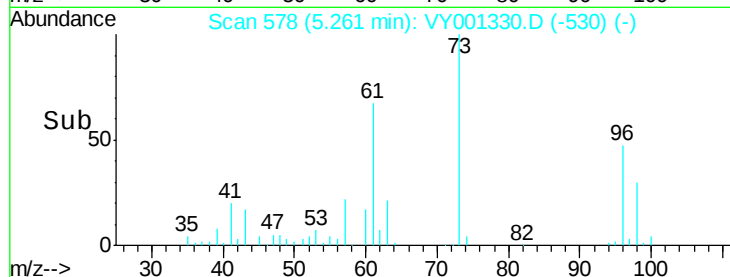
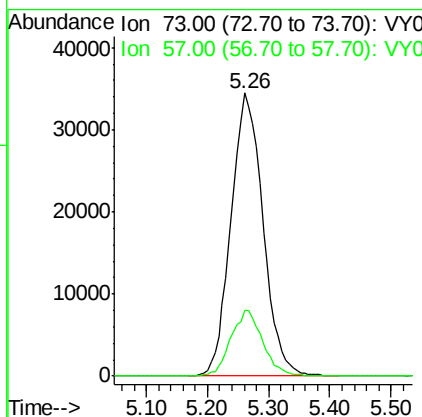
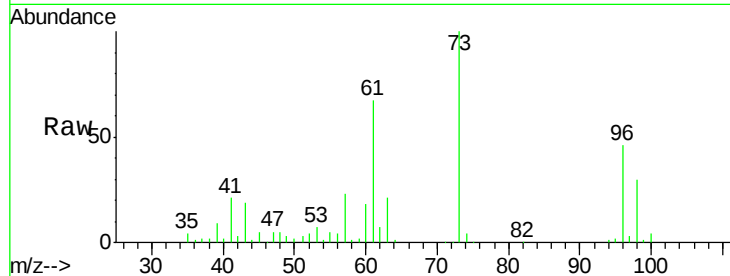
#19
Methvl tert-butvl Ether
Concen: 18.408 ug/l
RT: 5.26 min Scan# 578
Delta R.T. -0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

Tot Ion: 73 Resp: 124729
Ion Ratio Lower Upper
73 100
57 23.0 18.2 27.2

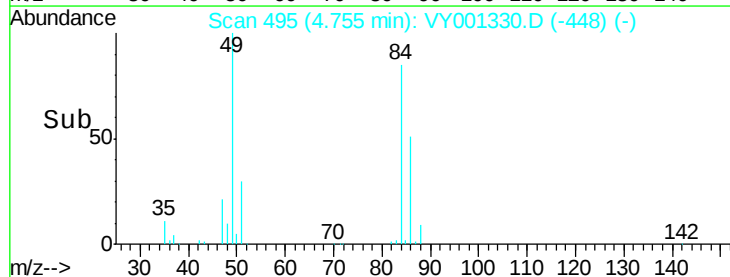
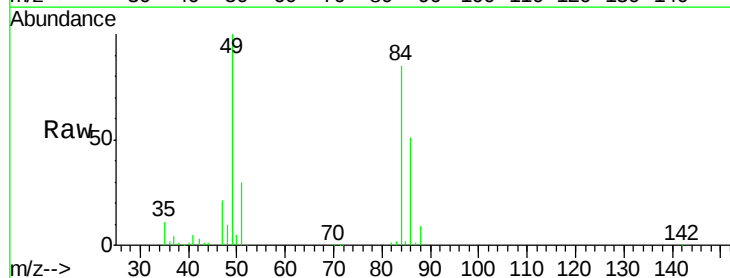
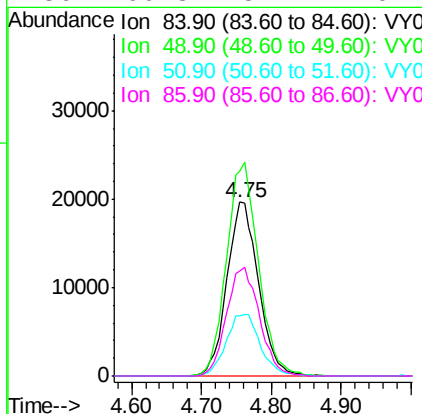
Manual Integrations
APPROVED

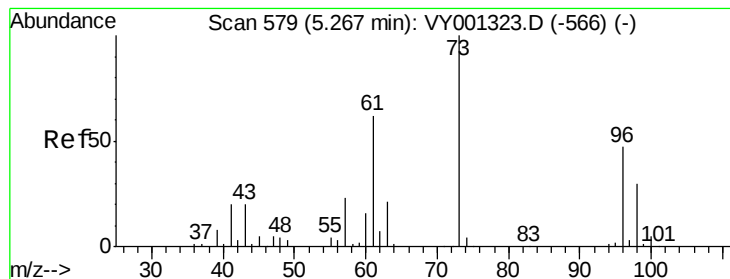
MMDadoda
1/23/2020 10:56:23 AM



#20
Methylene Chloride
Concen: 18.351 ug/l
RT: 4.75 min Scan# 495
Delta R.T. -0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion: 84 Resp: 61599
Ion Ratio Lower Upper
84 100
49 117.9 98.3 147.5
51 34.9 31.6 47.4
86 60.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 19.487 ug/l

RT: 5.26 min Scan# 578

Delta R.T. -0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

Tot Ion: 96 Resp: 52383

Ion Ratio Lower Upper

96 100

61 144.3 106.8 160.2

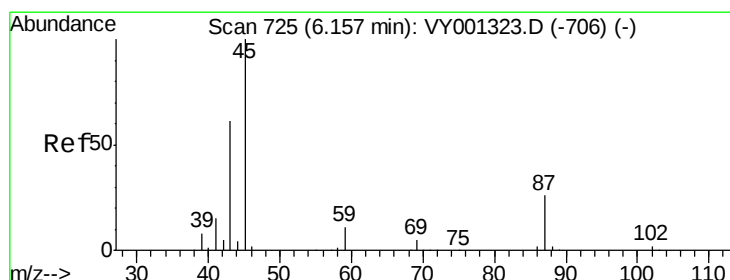
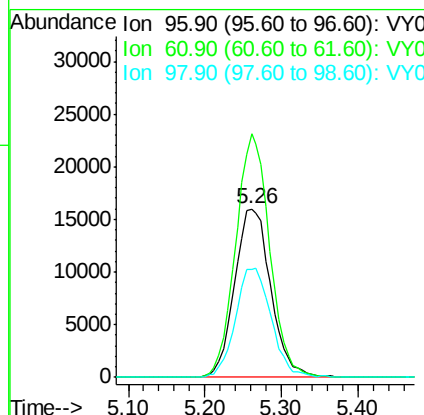
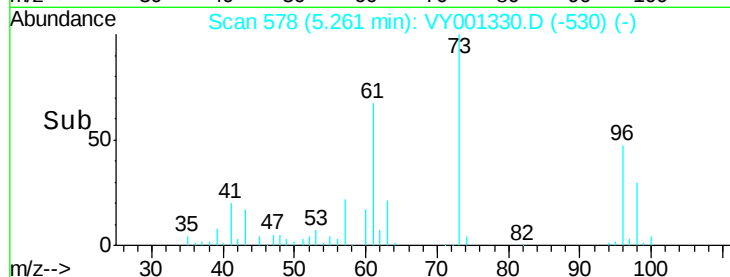
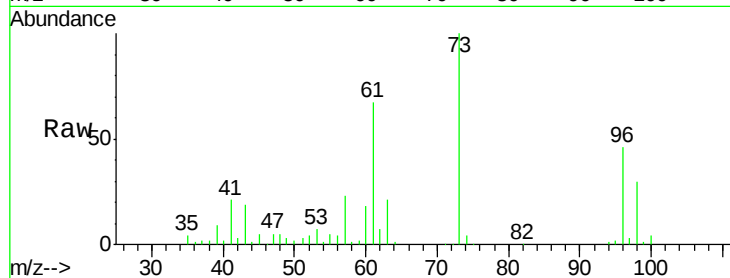
98 63.7 51.0 76.6

Manual Integrations

APPROVED

MMDadoda

1/23/2020 10:56:23 AM



#22

Diisopropyl ether

Concen: 18.393 ug/l

RT: 6.16 min Scan# 726

Delta R.T. 0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Tgt Ion: 45 Resp: 161183

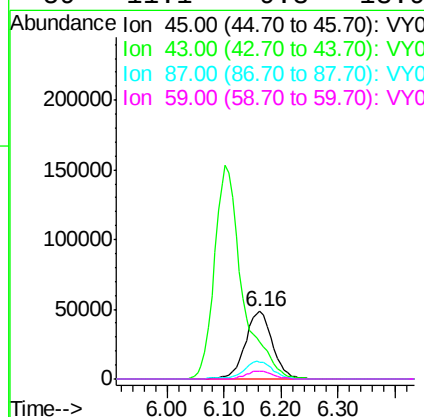
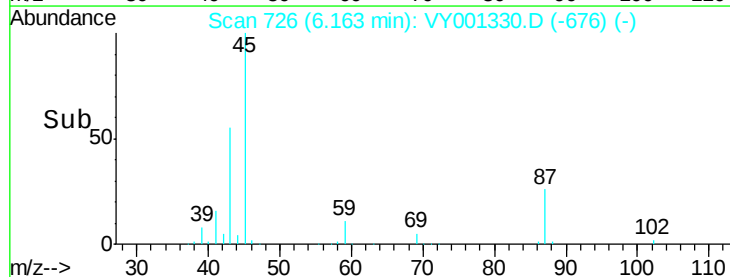
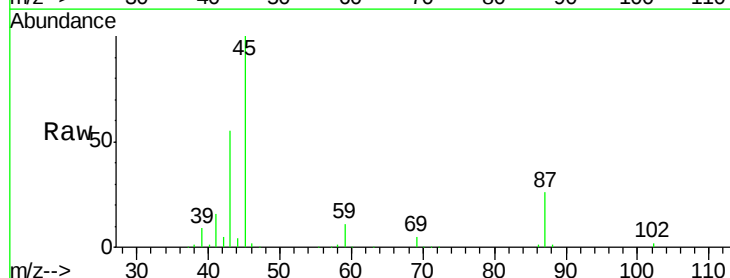
Ion Ratio Lower Upper

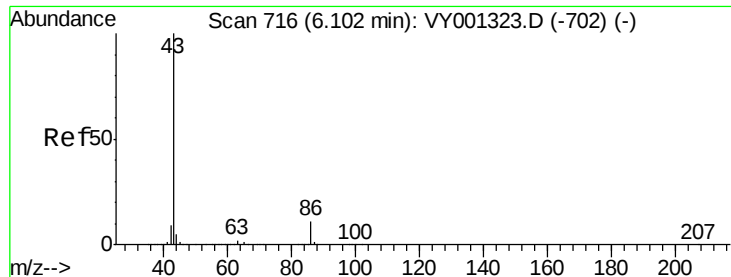
45 100

43 54.8 49.2 73.8

87 25.7 21.4 32.2

59 11.1 9.3 13.9





#23

Vinyl Acetate

Concen: 90.924 ug/l

RT: 6.10 min Scan# 716

Delta R.T. -0.00 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

Tot Ion: 43 Resp: 517278

Ion Ratio Lower Upper

43 100

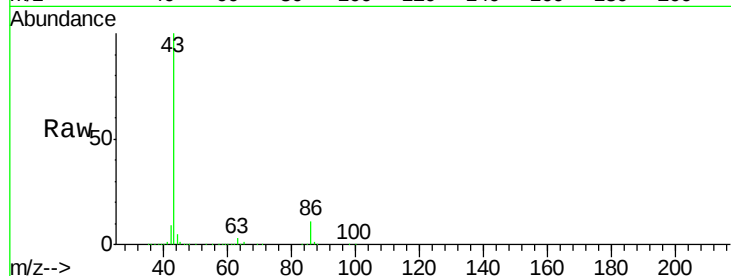
86 10.9 8.6 13.0

Manual Integrations

APPROVED

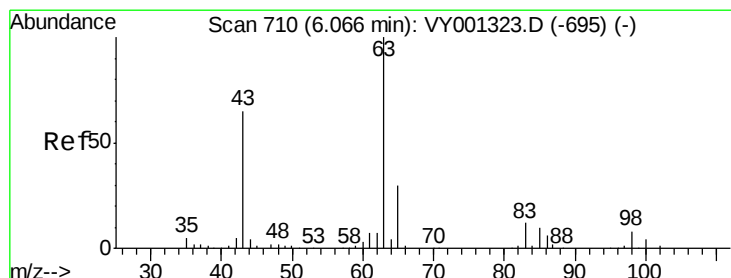
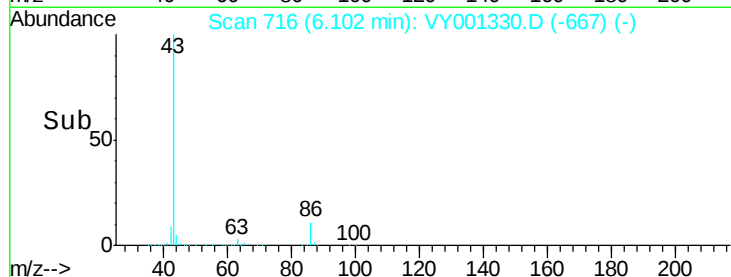
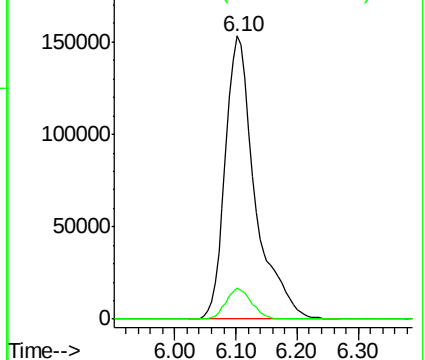
MMDadoda

1/23/2020 10:56:23 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 19.267 ug/l

RT: 6.06 min Scan# 709

Delta R.T. -0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

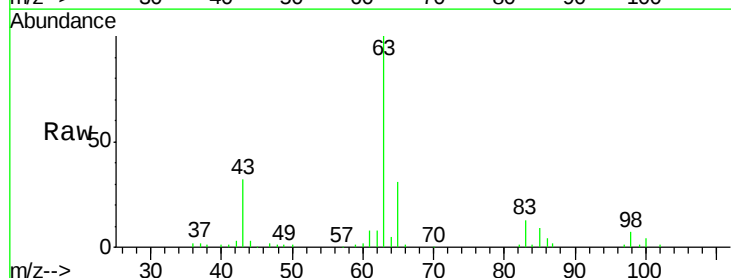
Tgt Ion: 63 Resp: 88995

Ion Ratio Lower Upper

63 100

98 7.5 4.0 12.0

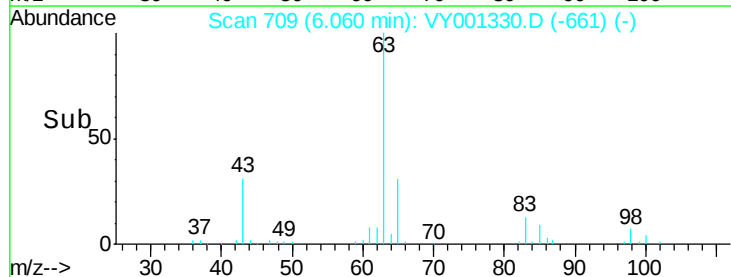
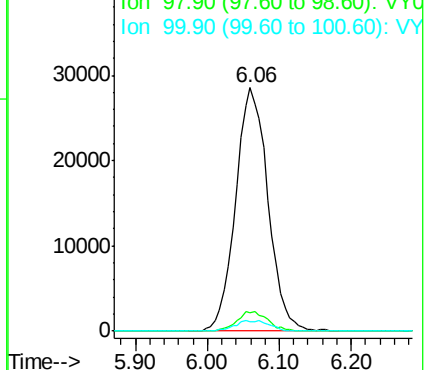
100 4.0 2.1 6.3

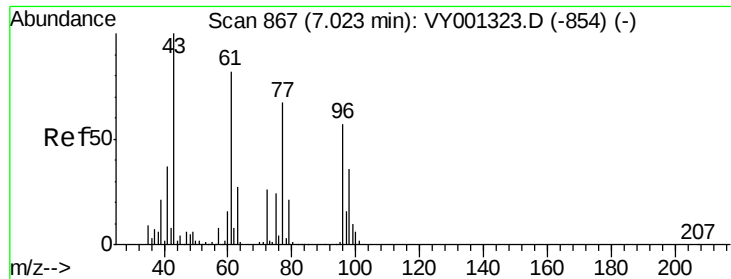


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 89.056 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

Tot Ion: 43 Resp: 91930

Ion Ratio Lower Upper

43 100

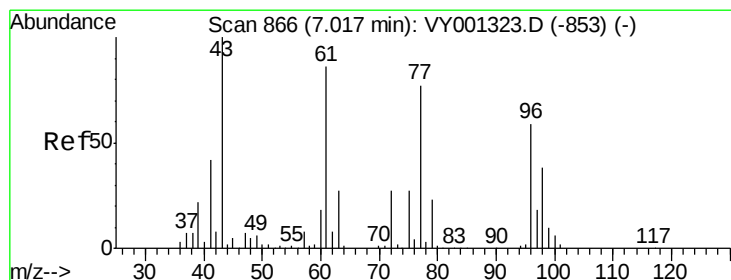
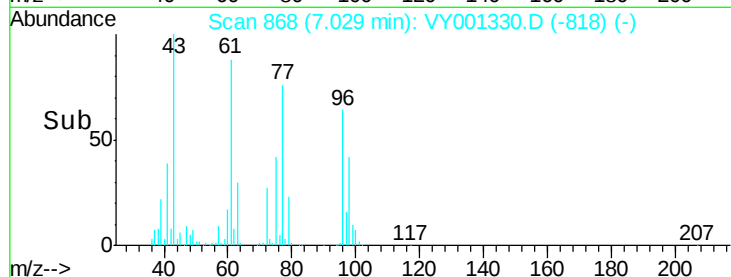
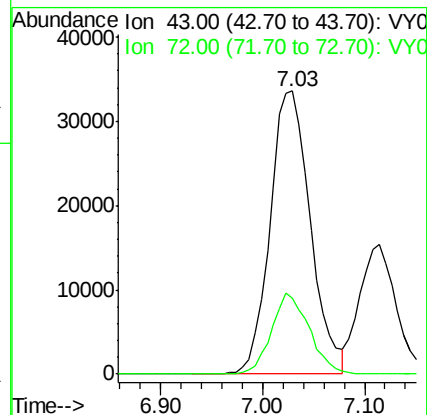
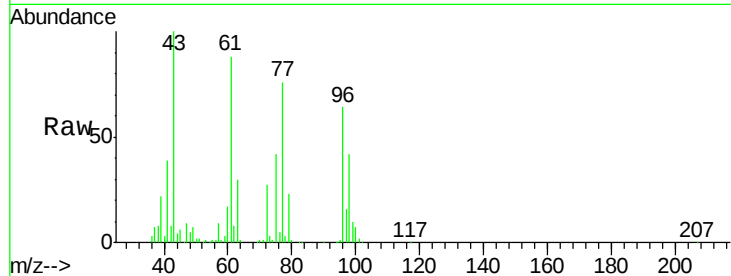
72 26.8 20.6 31.0

Manual Integrations

APPROVED

MMDadoda

1/23/2020 10:56:23 AM



#26

2,2-Dichloropropane

Concen: 19.737 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001330.D

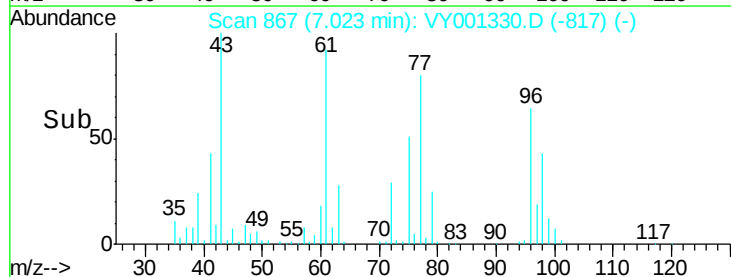
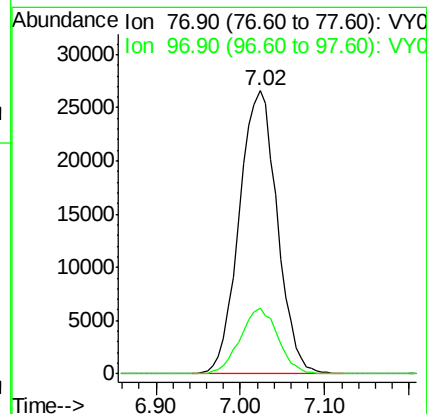
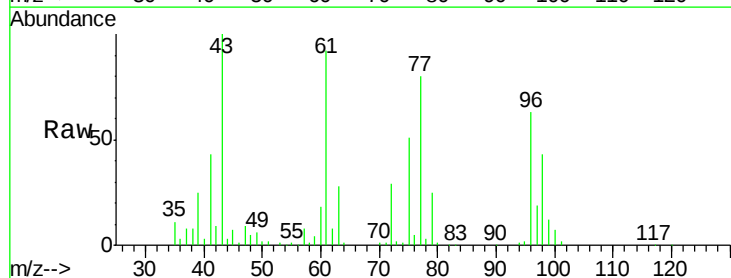
Acq: 22 Jan 2020 15:02

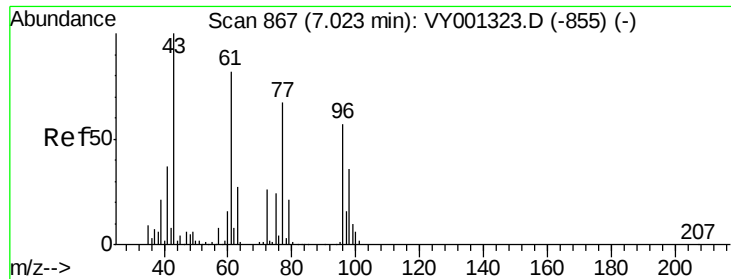
Tgt Ion: 77 Resp: 81208

Ion Ratio Lower Upper

77 100

97 23.0 11.9 35.5





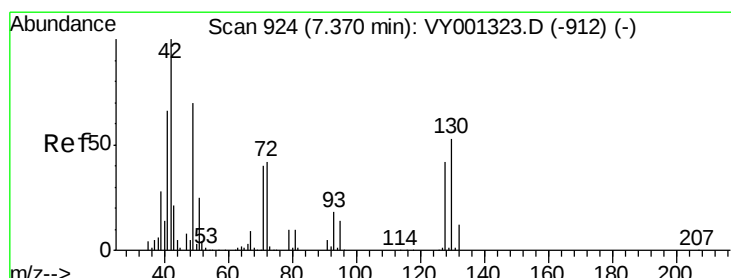
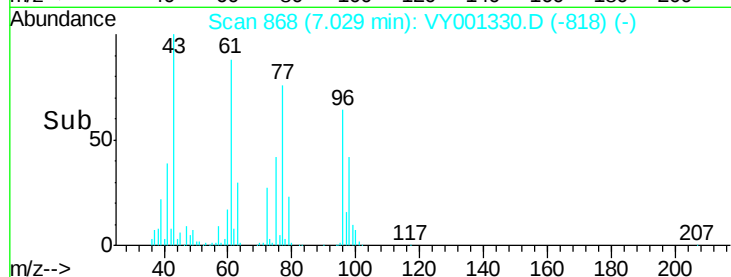
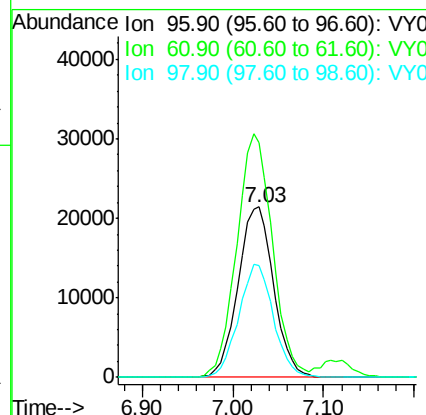
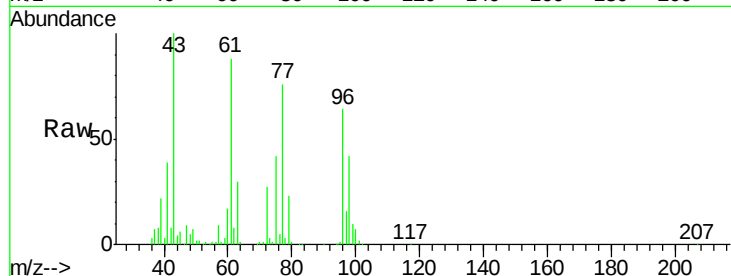
#27
 cis-1,2-Dichloroethene
 Concen: 19.425 ug/l
 RT: 7.03 min Scan# 868
 Delta R.T. 0.01 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	58356		
61	143.1		0.0	284.8
98	64.6		0.0	128.4

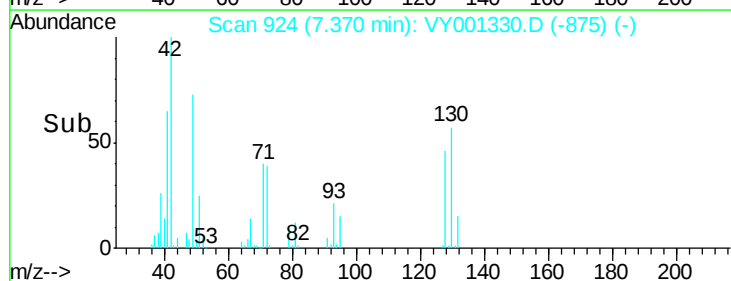
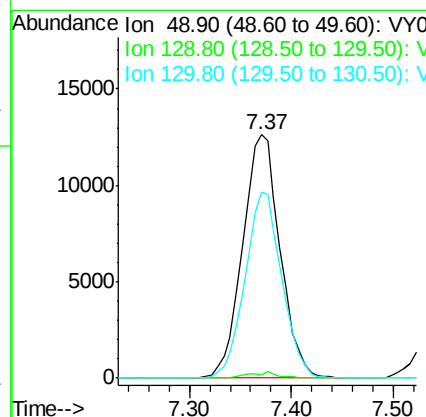
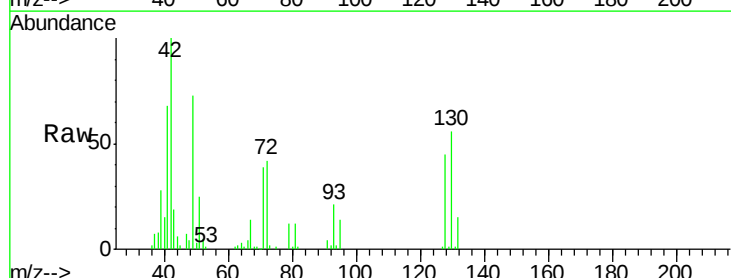
Manual Integrations
 APPROVED

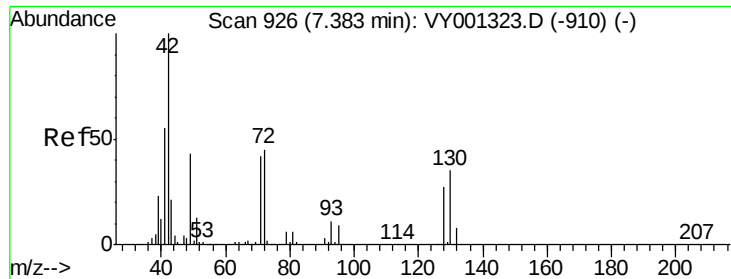
MMDadoda
 1/23/2020 10:56:23 AM



#28
 Bromochloromethane
 Concen: 16.869 ug/l
 RT: 7.37 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	32134		
129	1.9		0.0	4.0
130	75.0		58.9	88.3





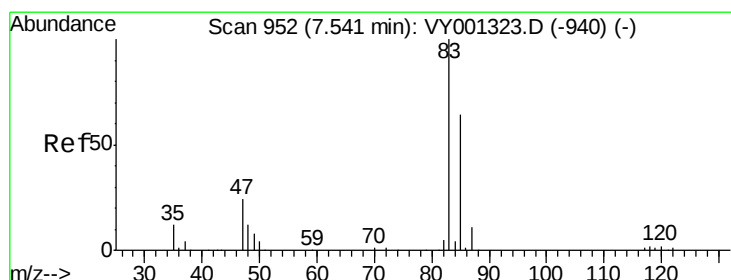
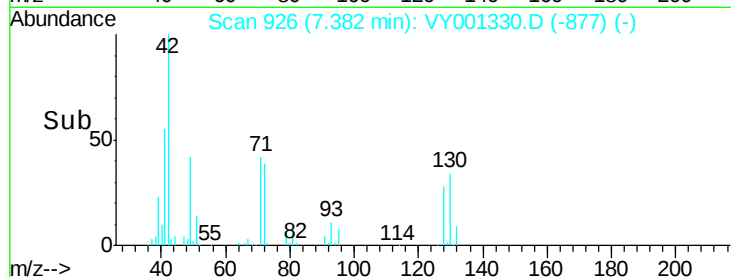
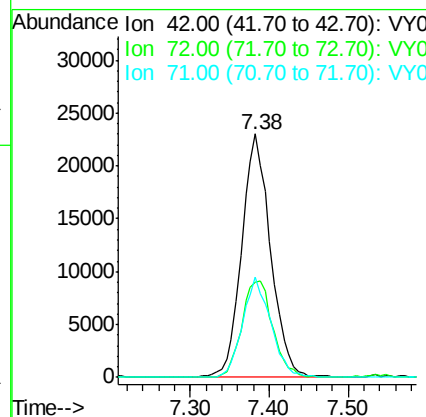
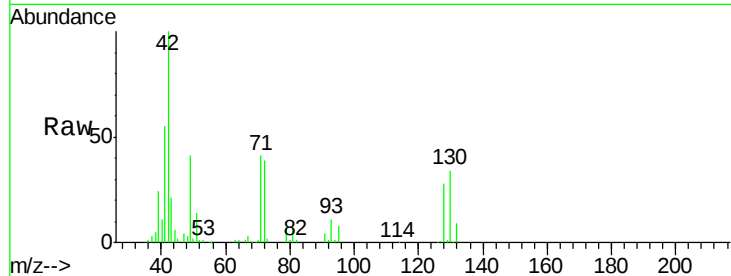
#29
Tetrahydrofuran
Concen: 87.474 ug/l
RT: 7.38 min Scan# 926
Delta R.T. -0.00 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	34.6	51.8
71	40.1	32.6	48.8

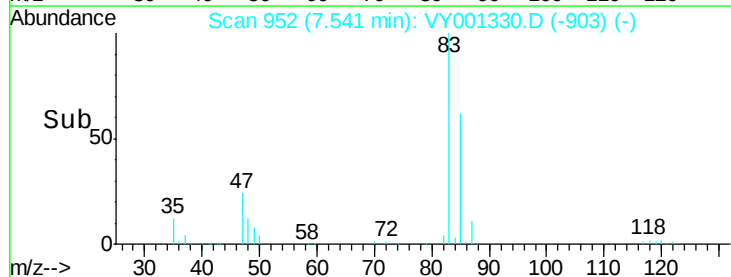
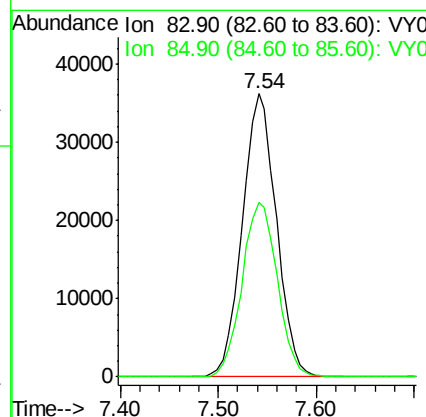
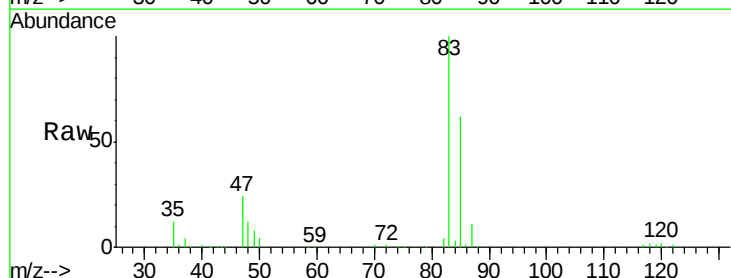
Manual Integrations
APPROVED

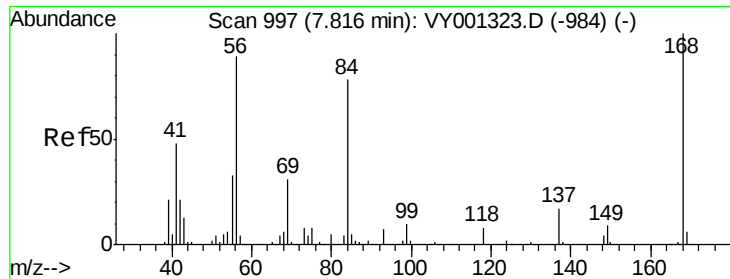
MMDadoda
1/23/2020 10:56:23 AM



#30
Chloroform
Concen: 19.256 ug/l
RT: 7.54 min Scan# 952
Delta R.T. -0.00 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.5	51.5	77.3





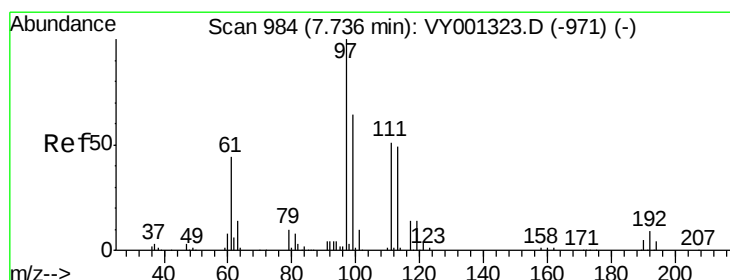
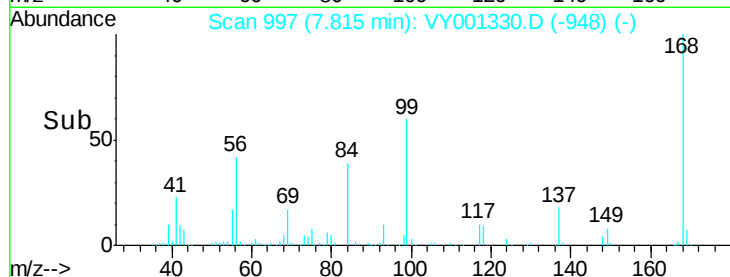
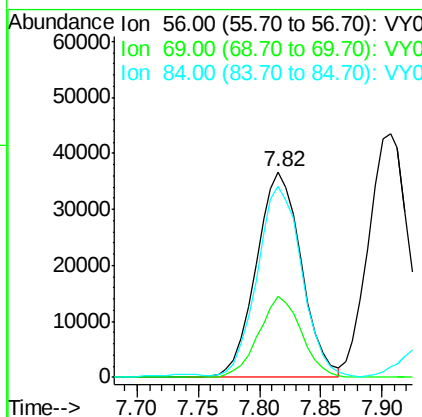
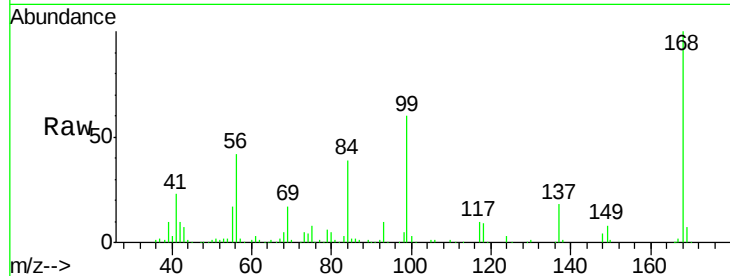
#31
Cyclohexane
Concen: 20.494 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.00 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.1	27.6	41.4
84	91.3	69.7	104.5

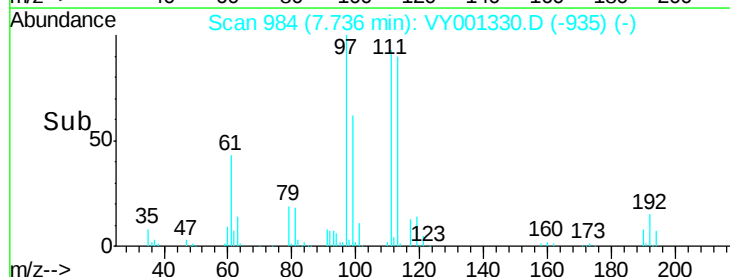
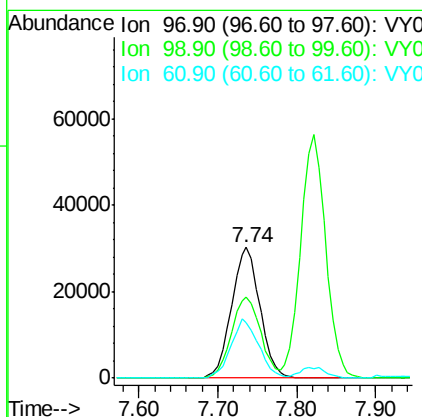
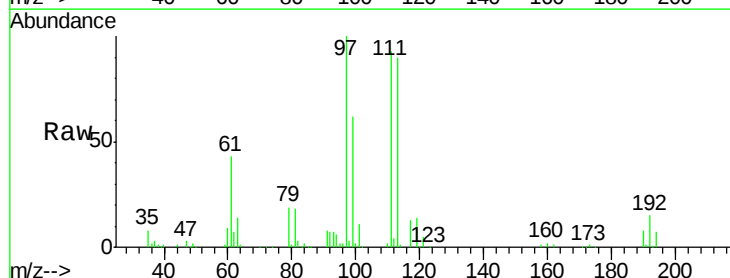
Manual Integrations
APPROVED

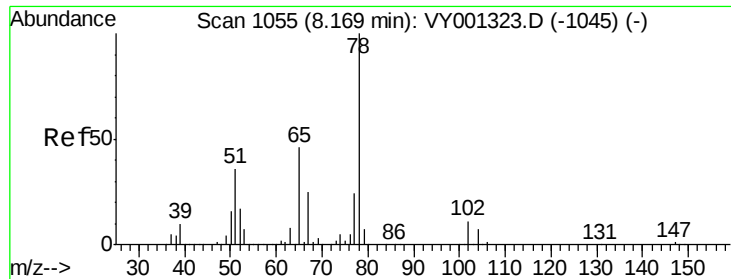
MMDadoda
1/23/2020 10:56:23 AM



#32
1,1,1-Trichloroethane
Concen: 19.722 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.00 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.3	76.9
61	44.2	35.9	53.9





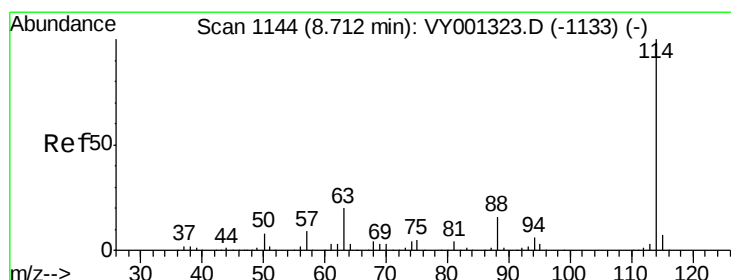
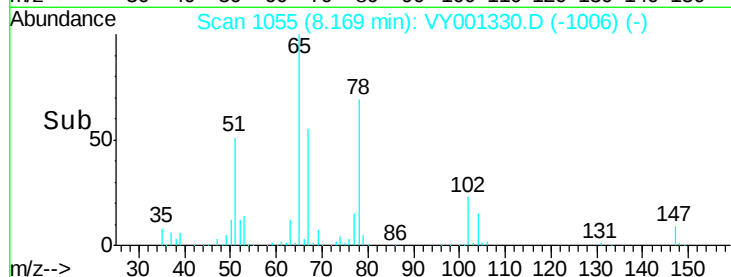
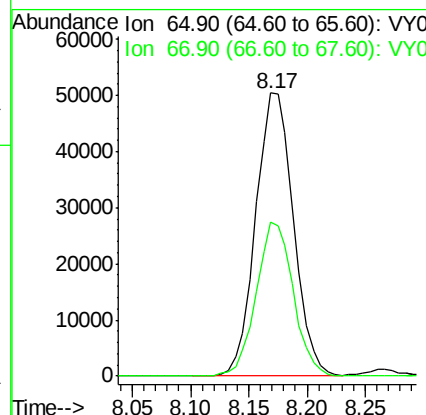
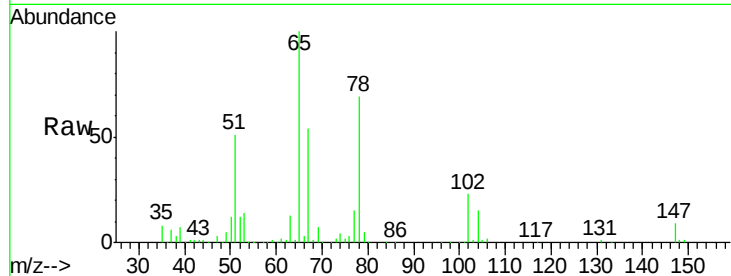
#33
 1,2-Dichloroethane-d4
 Concen: 48.023 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.5	0.0	108.6	

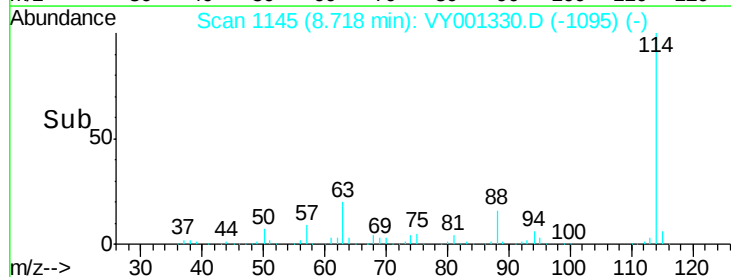
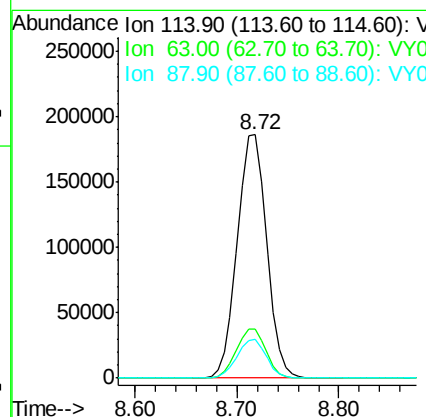
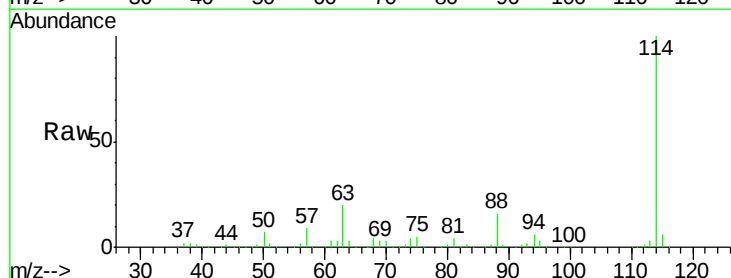
Manual Integrations
 APPROVED

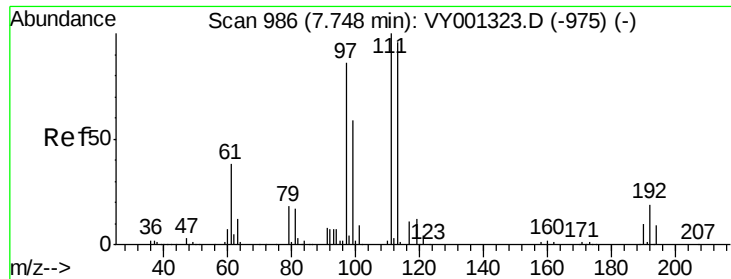
MMDadoda
 1/23/2020 10:56:23 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.4	0.0	40.8	
88	16.1	0.0	31.0	





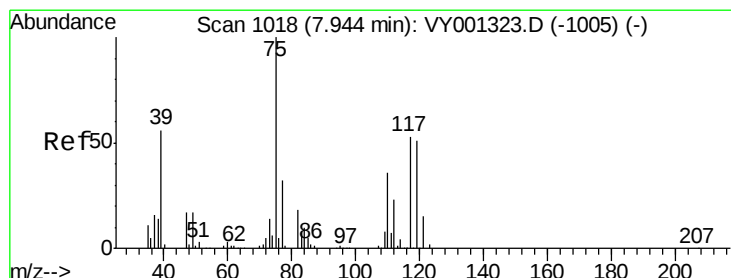
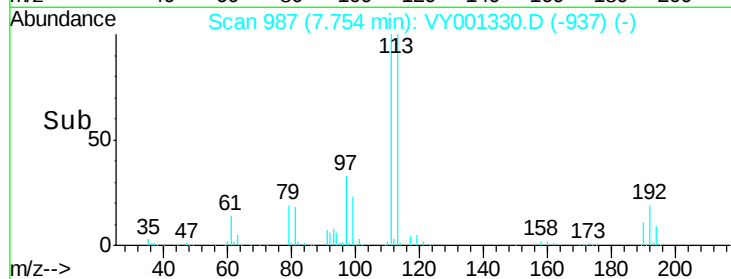
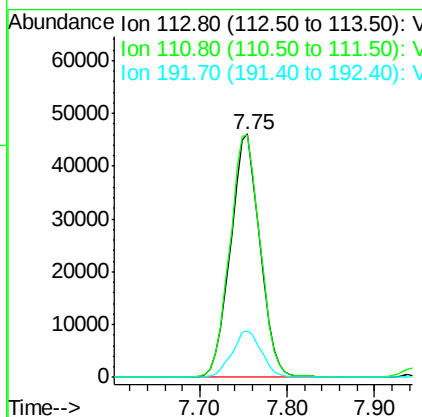
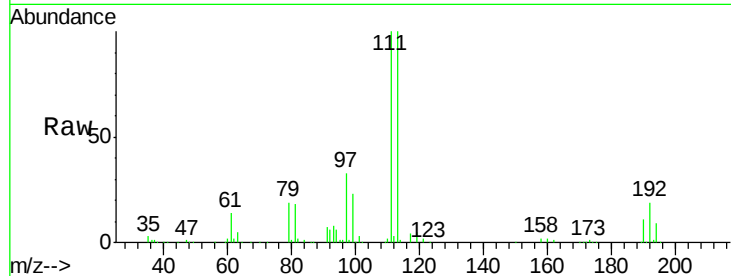
#35
 Dibromofluoromethane
 Concen: 49.452 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	108043		
111	102.5	82.8	124.2	
192	18.9	15.5	23.3	

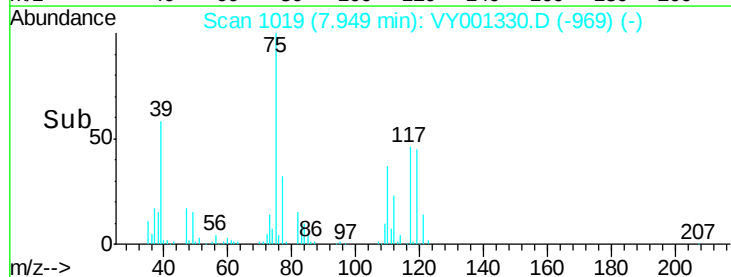
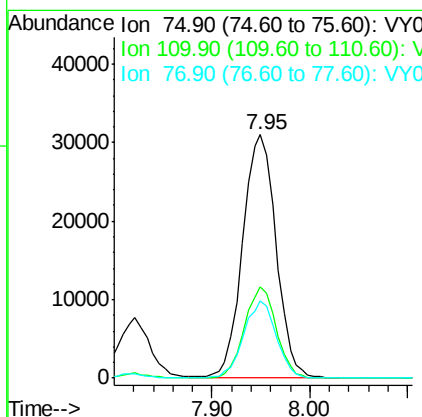
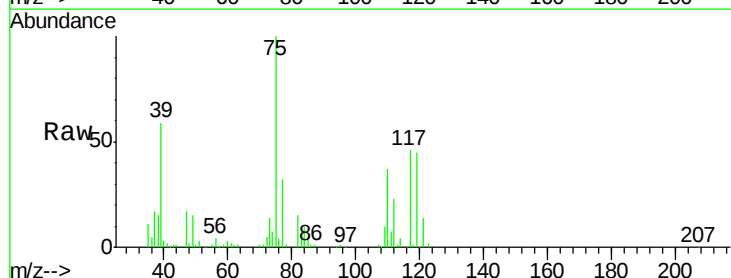
Manual Integrations
 APPROVED

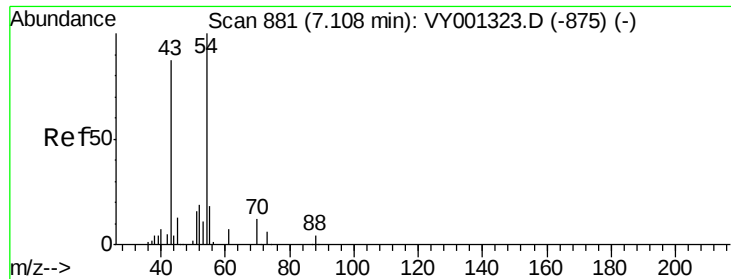
MMDadoda
 1/23/2020 10:56:23 AM



#36
 1,1-Dichloropropene
 Concen: 20.909 ug/l
 RT: 7.95 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	73534		
110	35.8	17.6	52.8	
77	30.9	24.7	37.1	





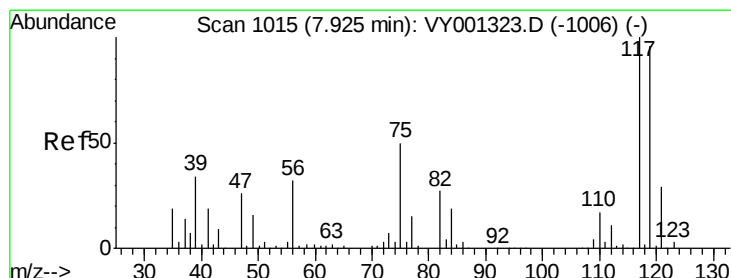
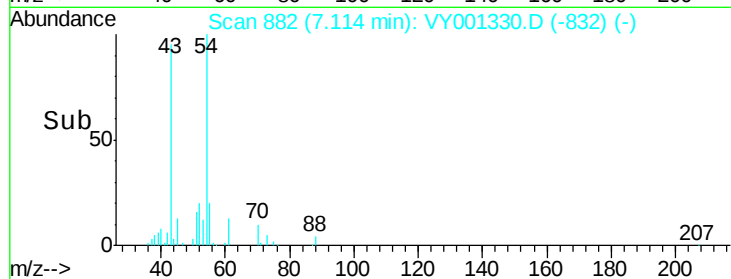
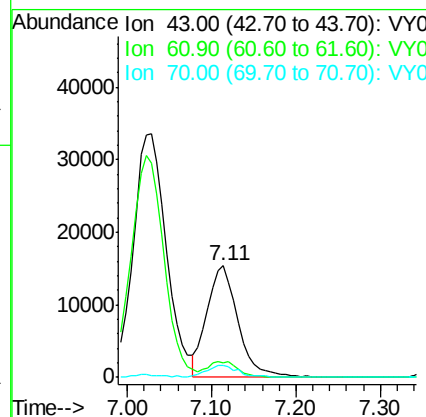
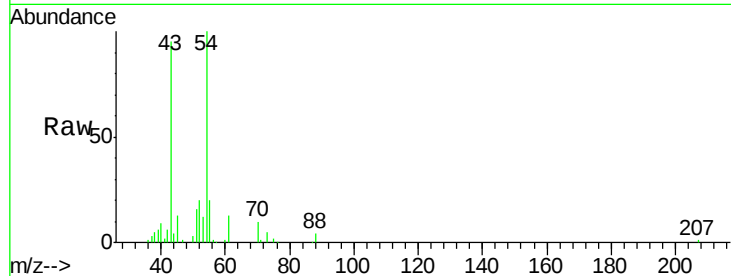
#37
Ethyl Acetate
Concen: 18.504 ug/l
RT: 7.11 min Scan# 882
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.3	16.9
70	10.8	8.7	13.1

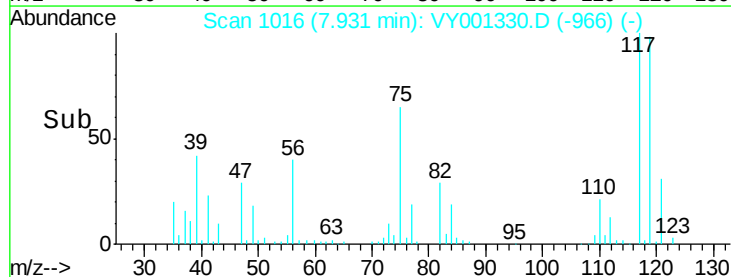
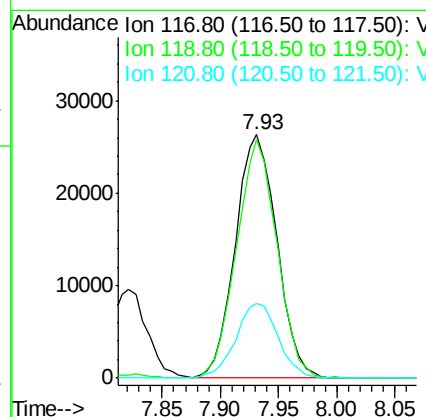
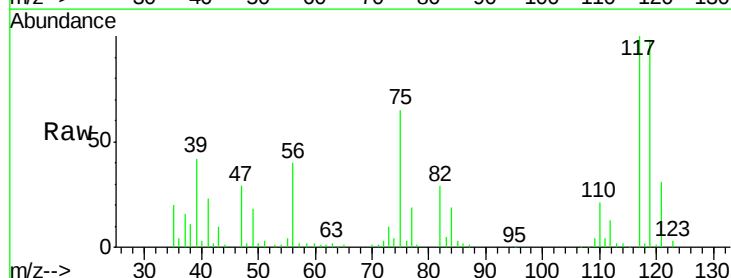
Manual Integrations
APPROVED

MMDadoda
1/23/2020 10:56:23 AM



#38
Carbon Tetrachloride
Concen: 20.919 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.3	114.5
121	30.5	23.5	35.3





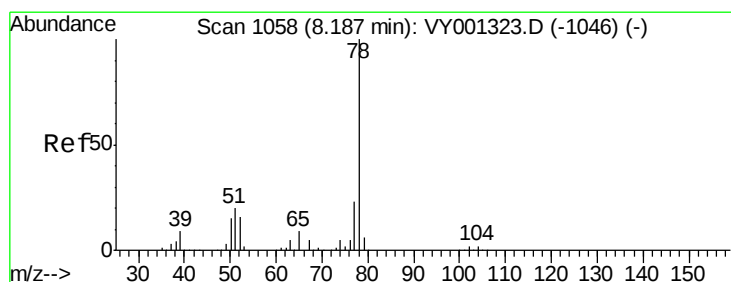
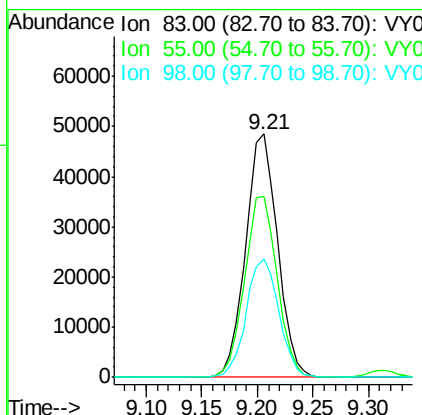
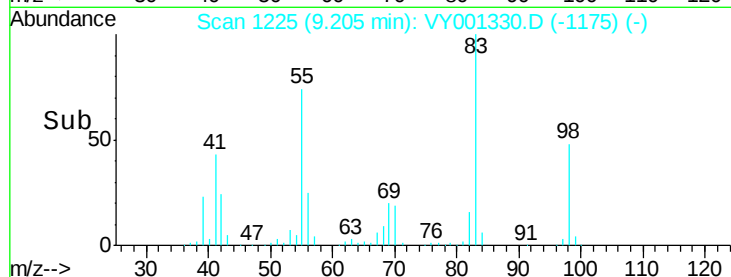
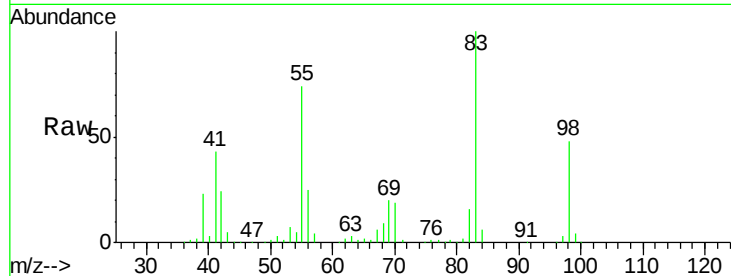
#39
Methylvlcyclohexane
Concen: 21.547 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

Tot Ion	83	Resp	97073
Ion Ratio	100	Lower	Upper
83	100		
55	74.2	60.7	91.1
98	48.4	37.8	56.8

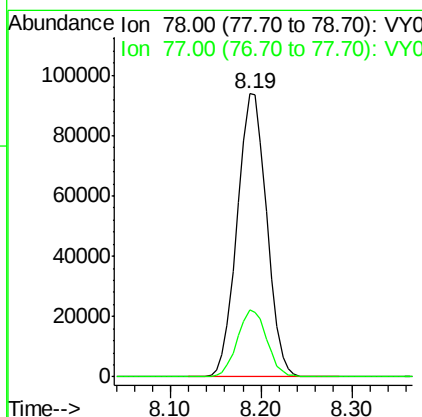
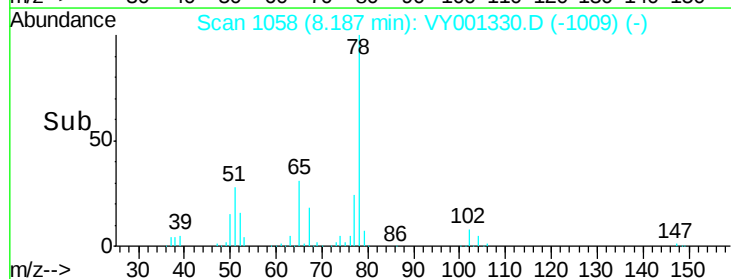
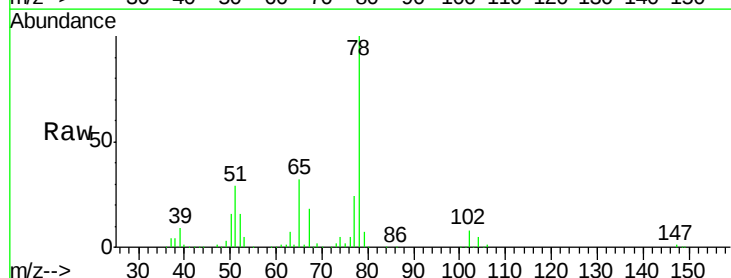
Manual Integrations
APPROVED

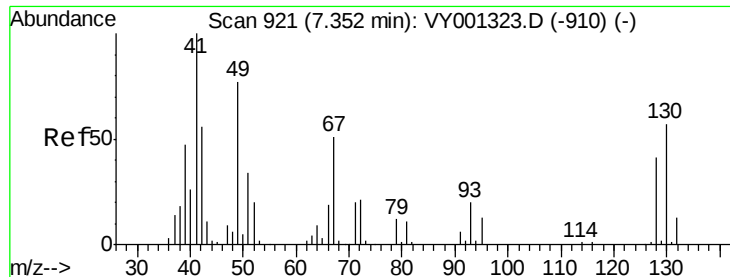
MMDadoda
1/23/2020 10:56:23 AM



#40
Benzene
Concen: 20.103 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. -0.00 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion	78	Resp	211991
Ion Ratio	100	Lower	Upper
78	100		
77	23.7	18.6	27.8





#41

Methacrylonitrile

Concen: 23.345 ug/l m

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Tot Ion: 41 Resp: 25885

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

Instrument :

MSVOA_Y

ClientSampleId :

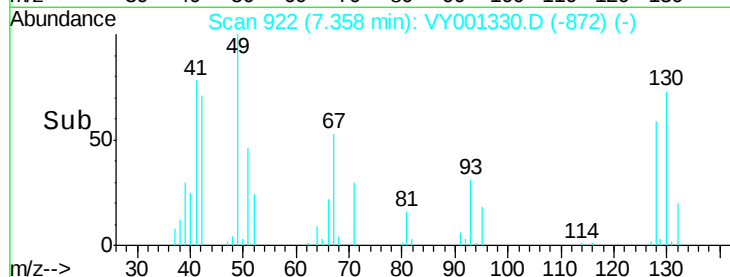
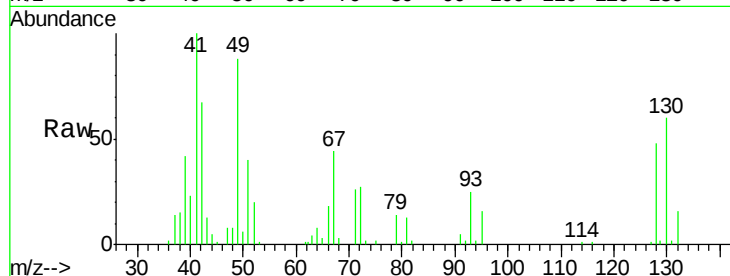
VY0122SBS01

Manual Integrations

APPROVED

MMDadoda

1/23/2020 10:56:23 AM

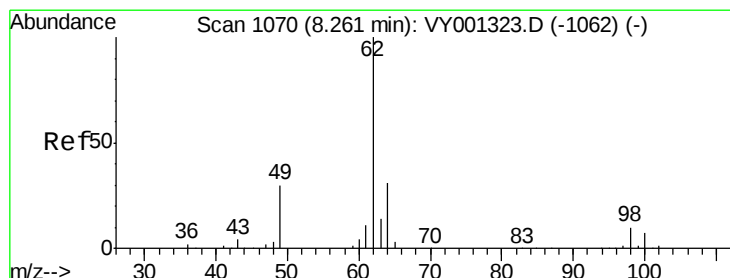
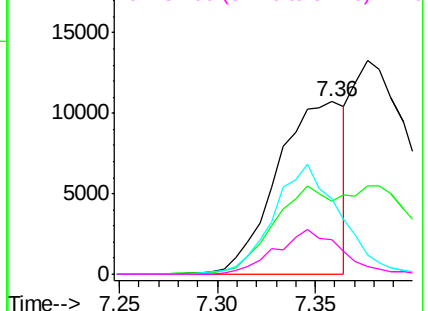


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 19.384 ug/l

RT: 8.27 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VY001330.D

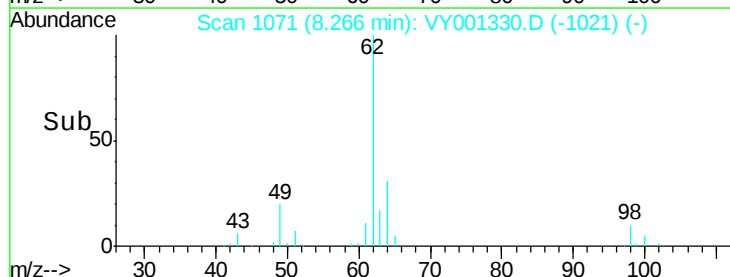
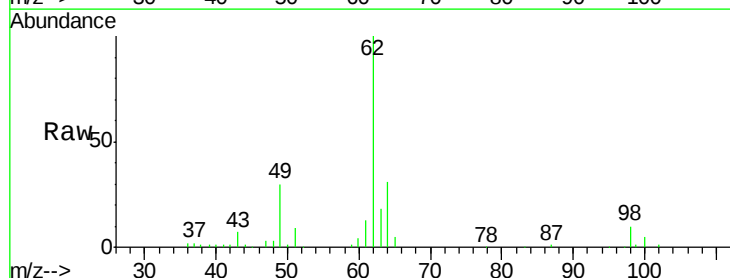
Acq: 22 Jan 2020 15:02

Tgt Ion: 62 Resp: 57115

Ion Ratio Lower Upper

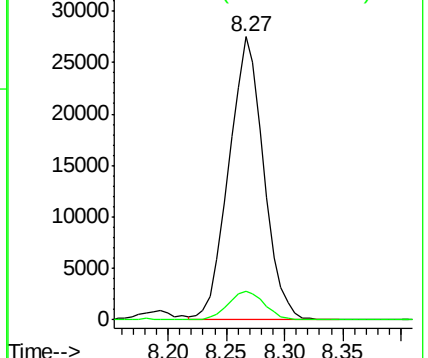
62 100

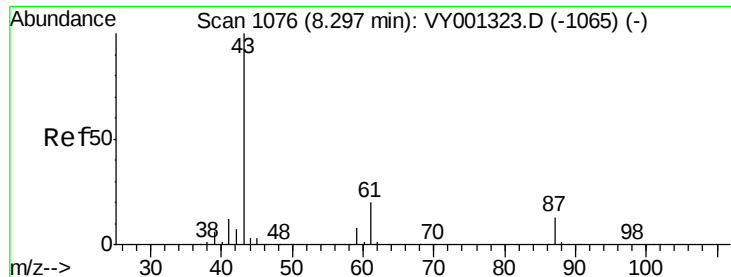
98 10.4 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





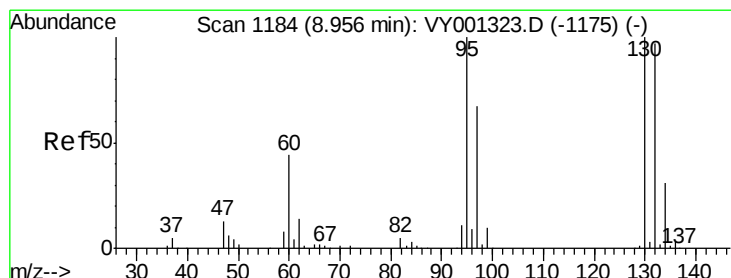
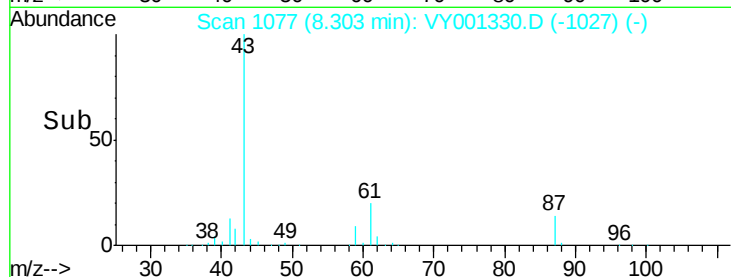
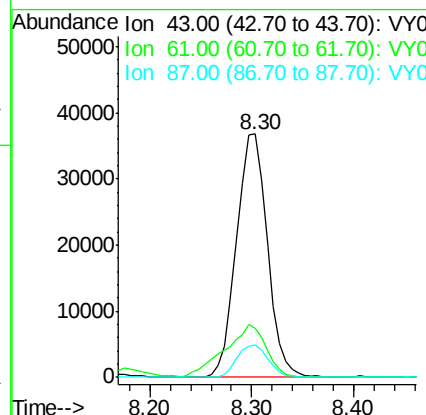
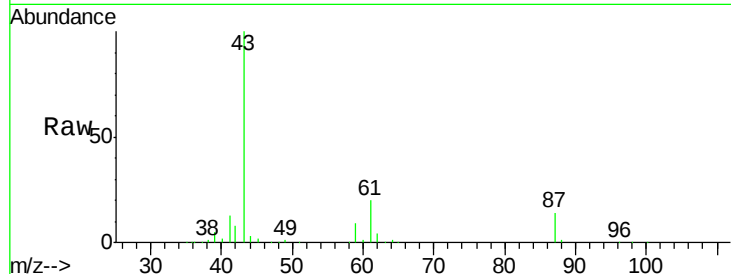
#43
Isopropyl Acetate
Concen: 18.532 ug/l
RT: 8.30 min Scan# 1077
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.1	22.7	34.1
87	13.5	11.0	16.4

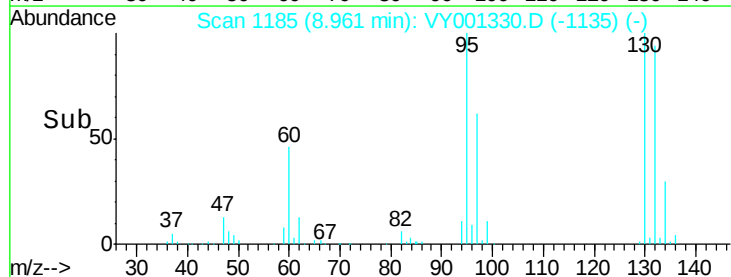
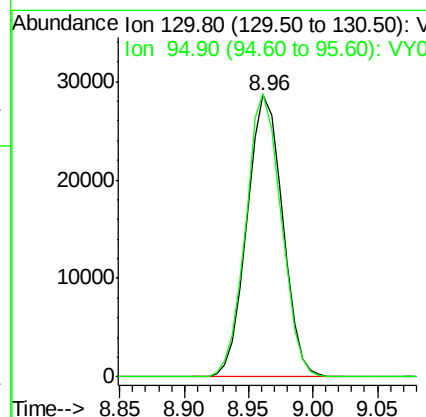
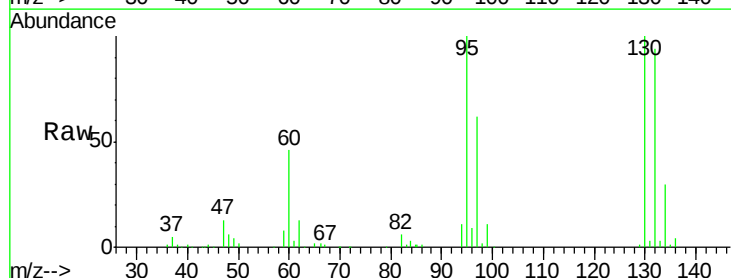
Manual Integrations
APPROVED

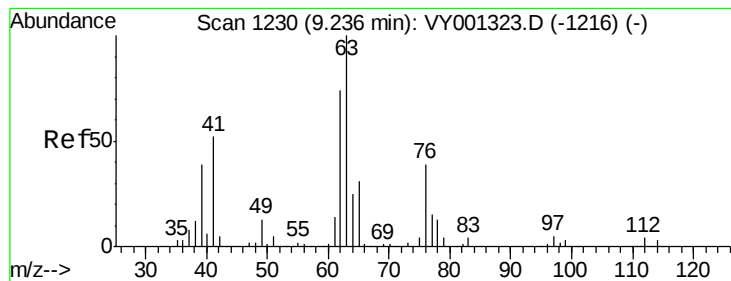
MMDadoda
1/23/2020 10:56:23 AM



#44
Trichloroethene
Concen: 20.191 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.4	0.0	200.0





#45

1,2-Dichloropropane

Concen: 19.768 ug/l

RT: 9.24 min Scan# 1231

Delta R.T. 0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

Tot Ion: 63 Resp: 52697

Ion Ratio Lower Upper

63 100

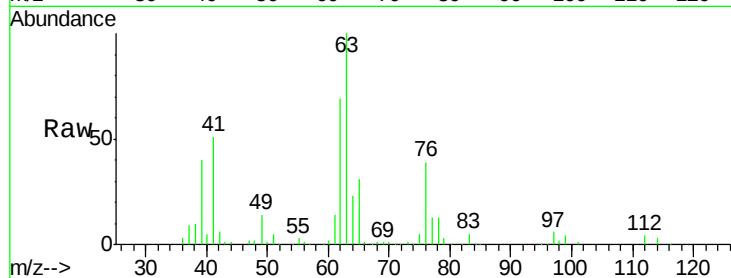
65 31.3 24.9 37.3

Manual Integrations

APPROVED

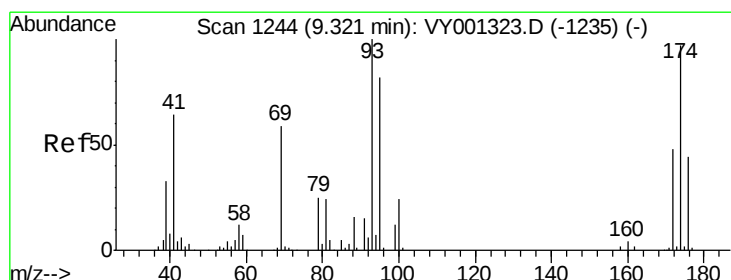
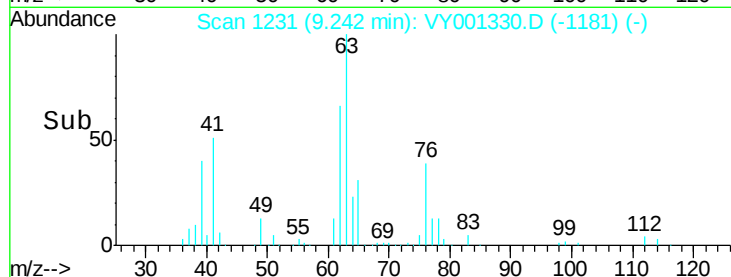
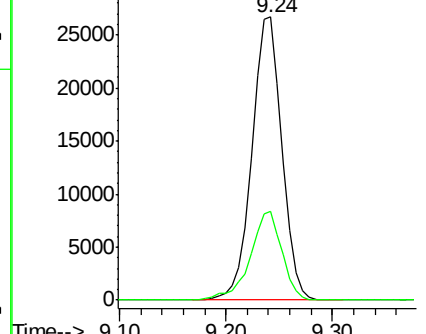
MMDadoda

1/23/2020 10:56:23 AM



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 18.549 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

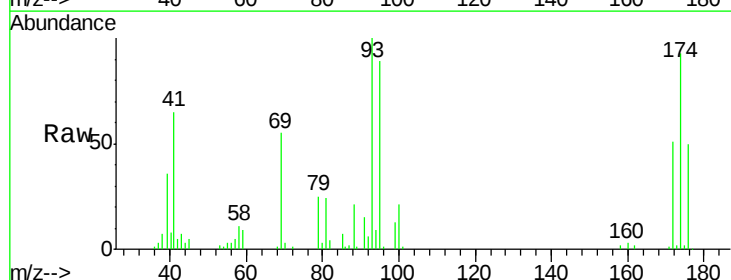
Tgt Ion: 93 Resp: 26545

Ion Ratio Lower Upper

93 100

95 85.9 66.5 99.7

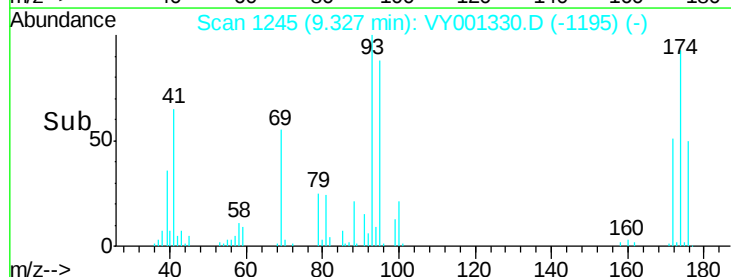
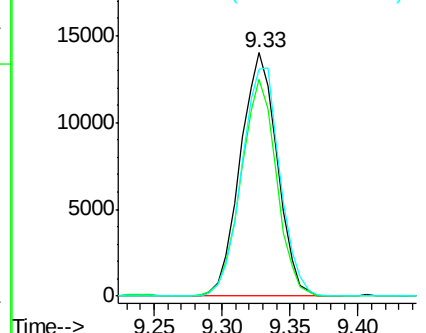
174 97.6 77.9 116.9

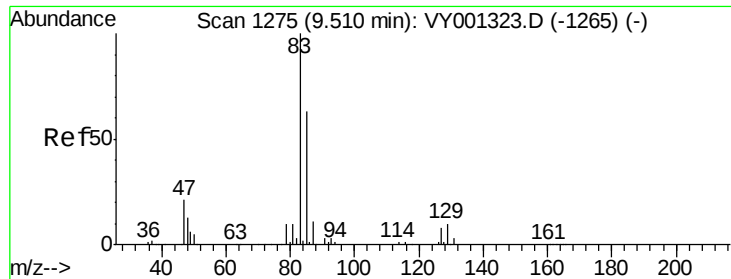


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





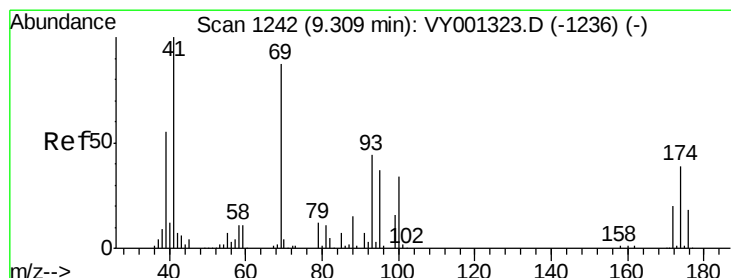
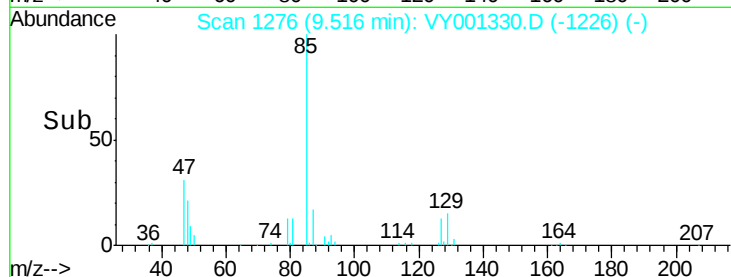
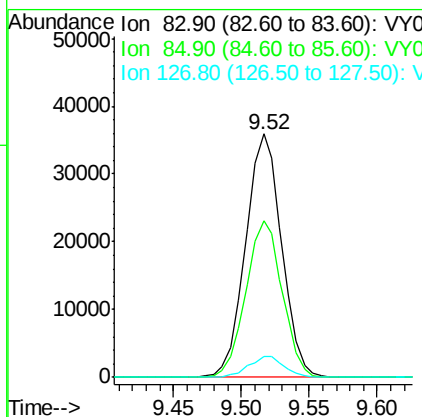
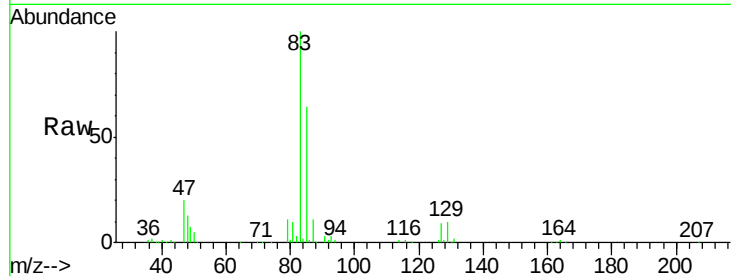
#47
Bromodichloromethane
Concen: 19.457 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	66565		
85	64.1	50.2	75.2	
127	8.6	6.4	9.6	

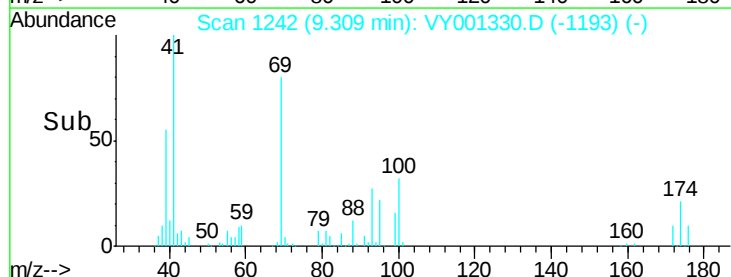
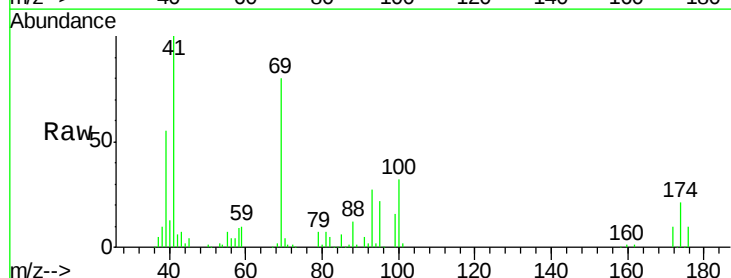
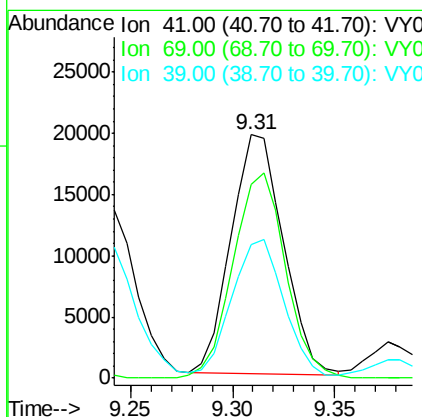
Manual Integrations
APPROVED

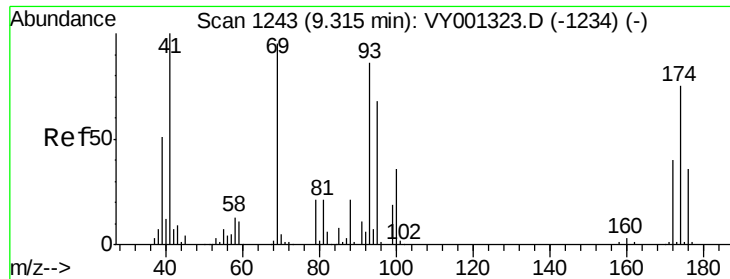
MMDadoda
1/23/2020 10:56:23 AM



#48
Methyl methacrylate
Concen: 18.272 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	34705		
69	86.5	70.2	105.4	
39	56.0	45.7	68.5	





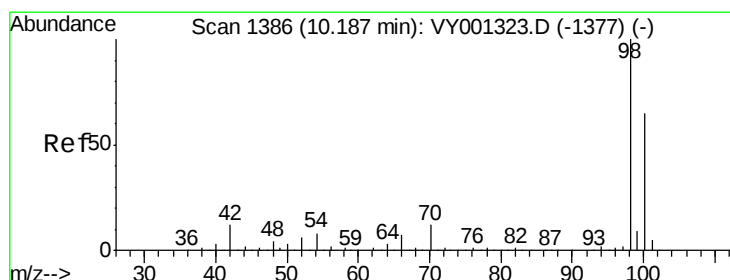
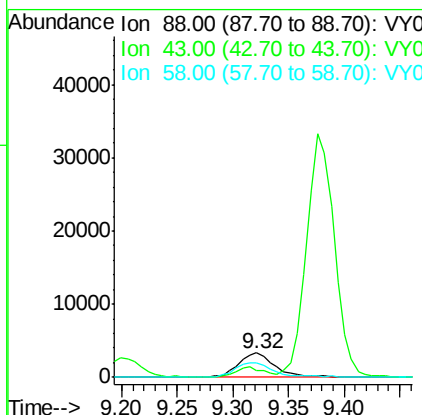
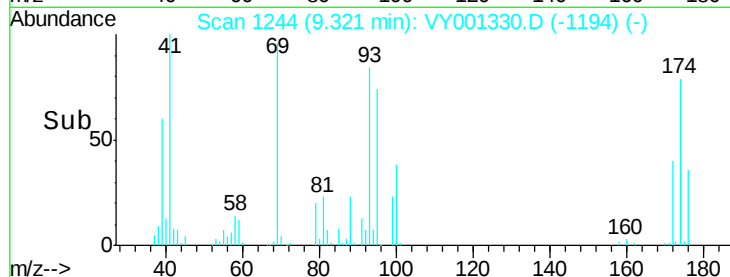
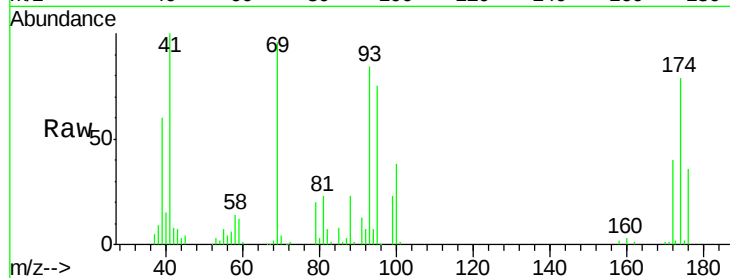
#49
1,4-Dioxane
Concen: 374.852 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.1	28.2	42.2
58	67.3	55.6	83.4

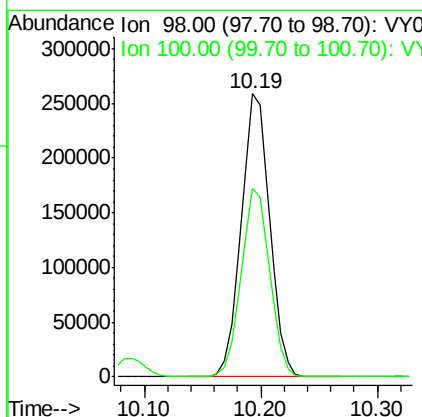
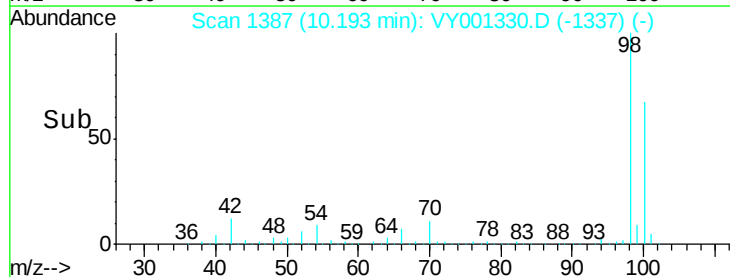
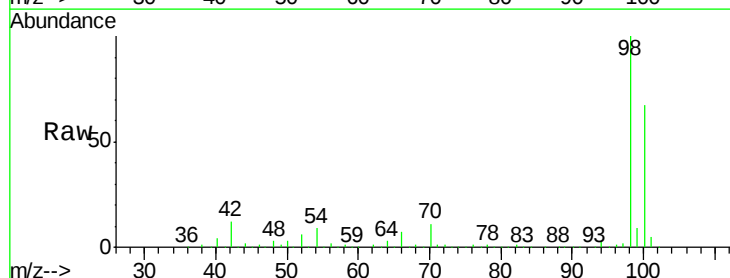
Manual Integrations
APPROVED

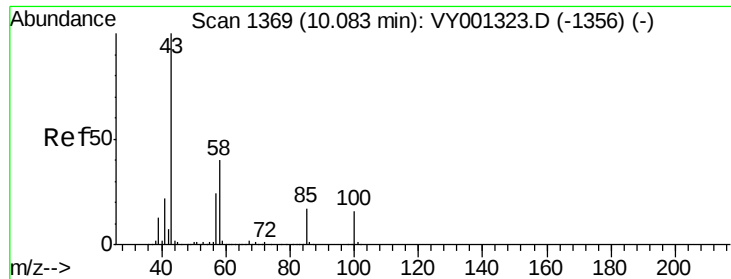
MMDadoda
1/23/2020 10:56:23 AM



#50
Toluene-d8
Concen: 52.156 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.6	79.0





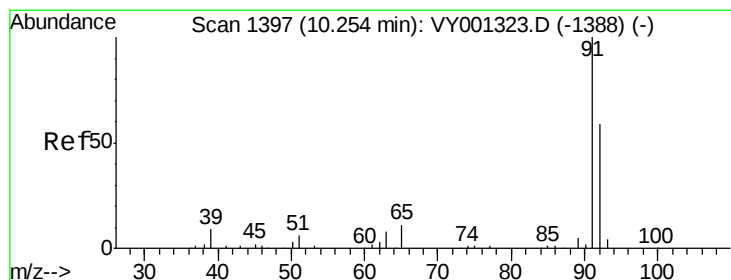
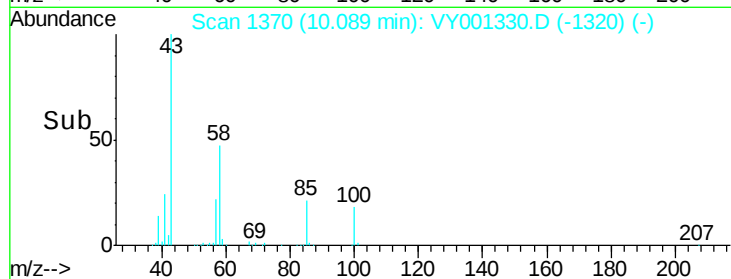
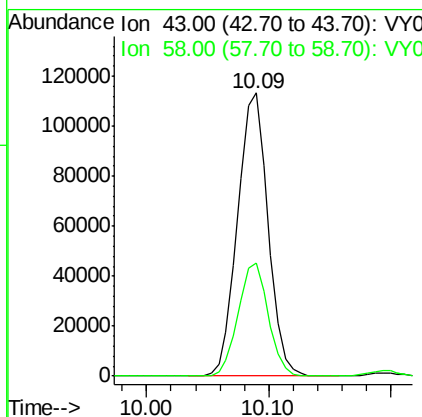
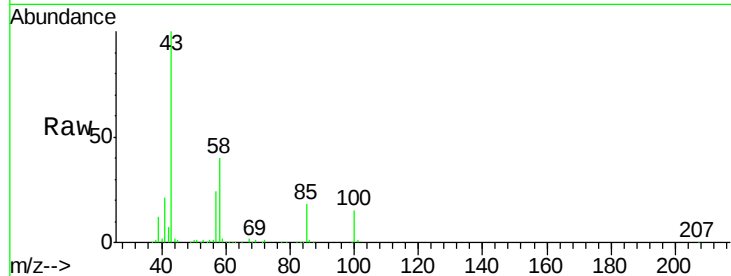
#51
4-Methyl-2-Pentanone
Concen: 90.968 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

Tot Ion	43	Resp	195733
Ion Ratio	43	100	
Lower	58	39.6	31.5
Upper			47.3

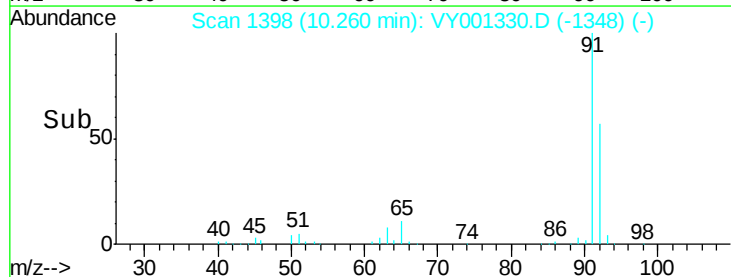
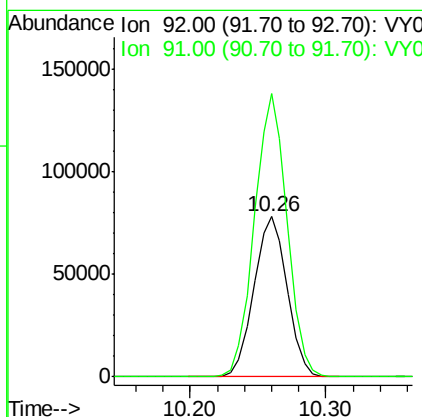
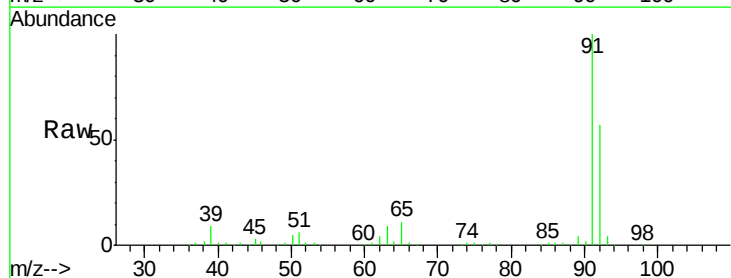
Manual Integrations
APPROVED

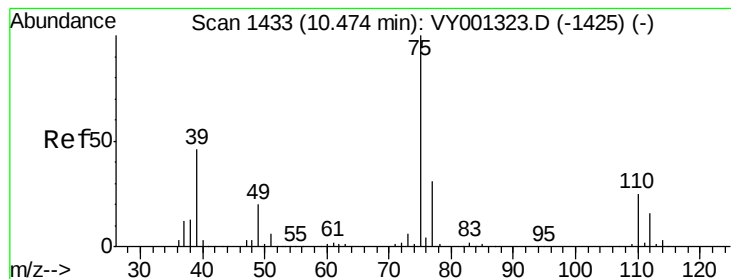
MMDadoda
1/23/2020 10:56:23 AM



#52
Toluene
Concen: 19.964 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion	92	Resp	133449
Ion Ratio	92	100	
Lower	91	173.0	136.4
Upper			204.6





#53

t-1,3-Dichloropropene

Concen: 19.347 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

Tot Ion: 75 Resp: 73363

Ion Ratio Lower Upper

75 100

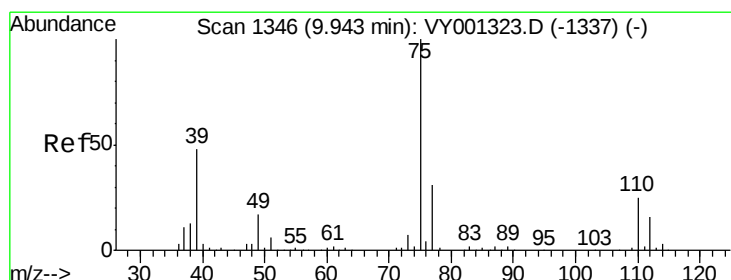
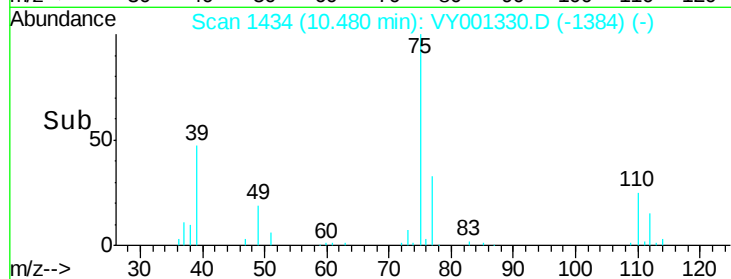
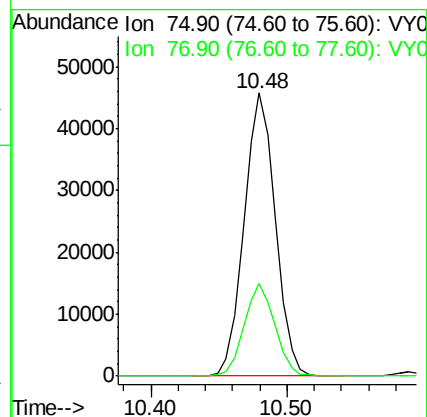
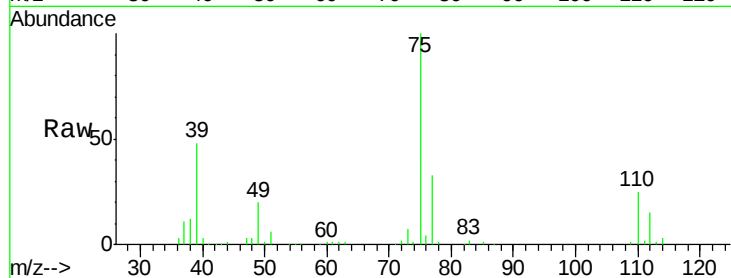
77 32.9 25.2 37.8

Manual Integrations

APPROVED

MMDadoda

1/23/2020 10:56:23 AM



#54

cis-1,3-Dichloropropene

Concen: 19.963 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

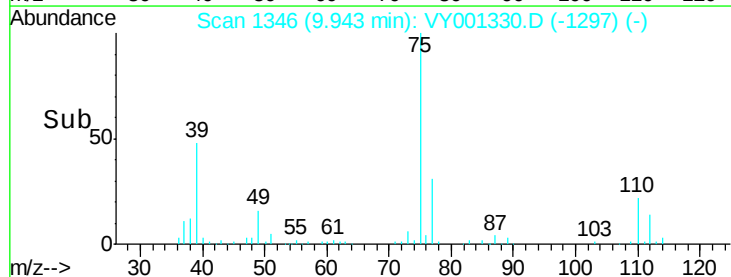
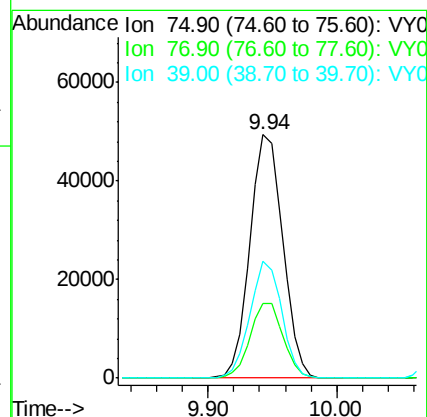
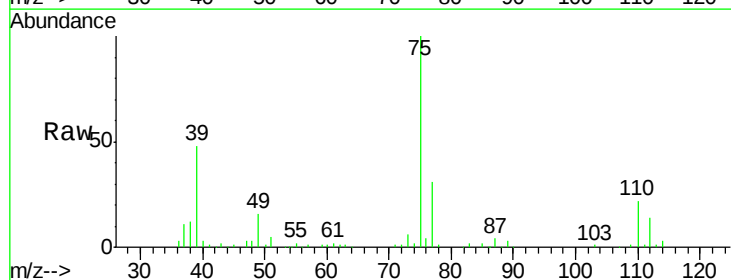
Tgt Ion: 75 Resp: 86885

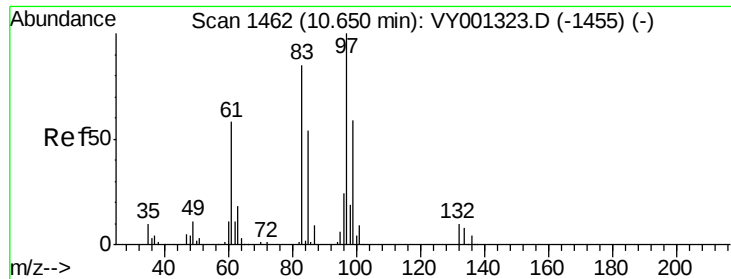
Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.6

39 48.1 38.2 57.4





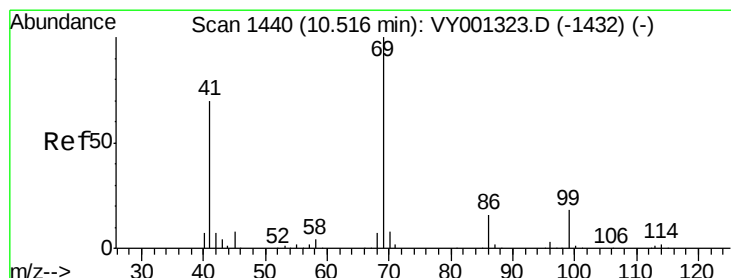
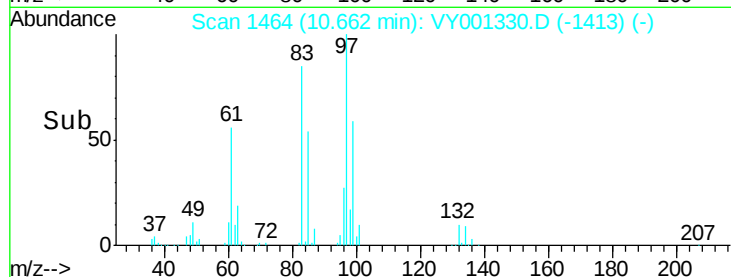
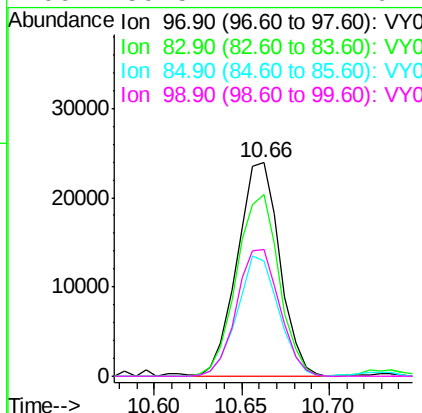
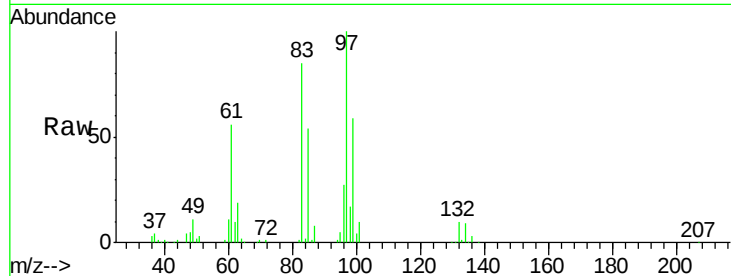
#55
 1,1,2-Trichloroethane
 Concen: 19.033 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0122SBS01

Tot Ion:	97	Resp:	40204
Ion	Ratio	Lower	Upper
97	100		
83	85.2	68.0	102.0
85	53.8	43.6	65.4
99	59.5	47.1	70.7

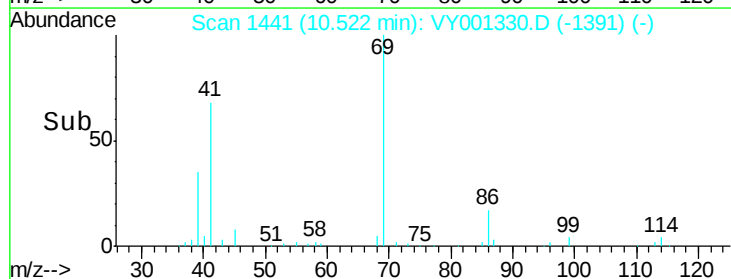
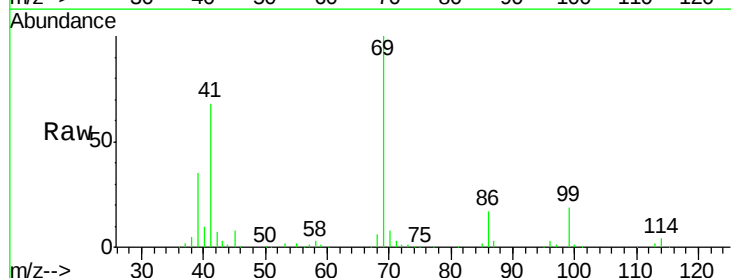
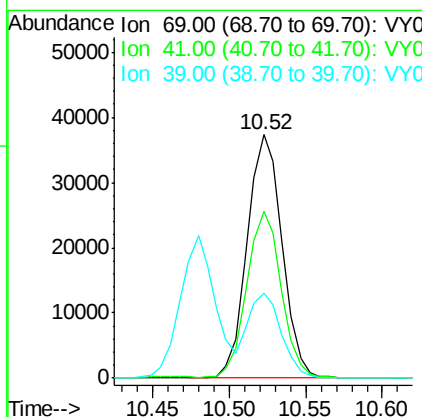
Manual Integrations
 APPROVED

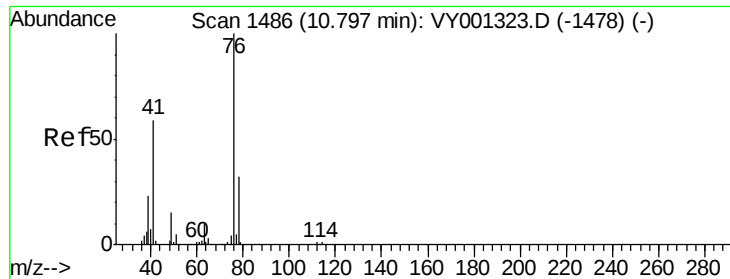
MMDadoda
 1/23/2020 10:56:23 AM



#56
 Ethyl methacrylate
 Concen: 18.582 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Tgt Ion:	69	Resp:	59324
Ion	Ratio	Lower	Upper
69	100		
41	67.2	54.1	81.1
39	33.9	26.8	40.2





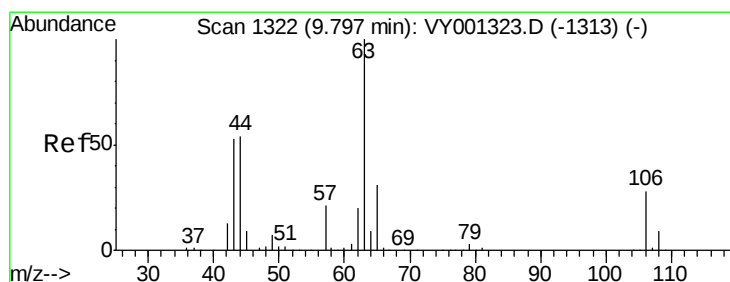
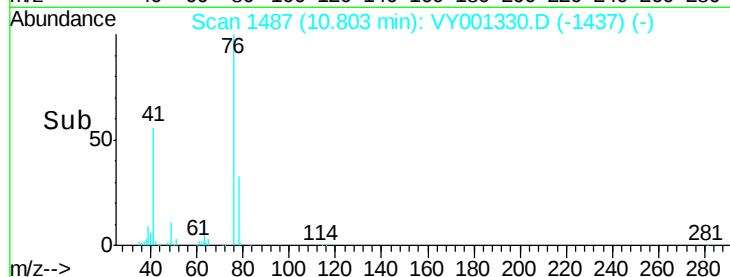
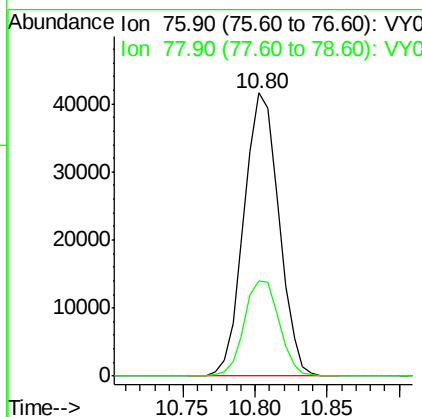
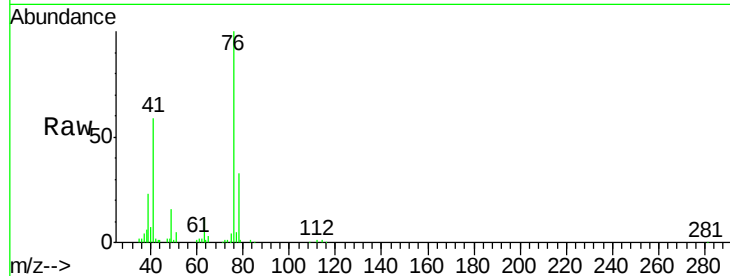
#57
 1,3-Dichloropropane
 Concen: 19.025 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0122SBS01

Tot Ion: 76 Resp: 70004
 Ion Ratio Lower Upper
 76 100
 78 33.7 25.8 38.8

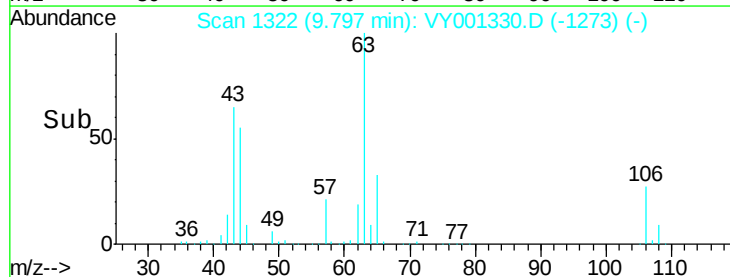
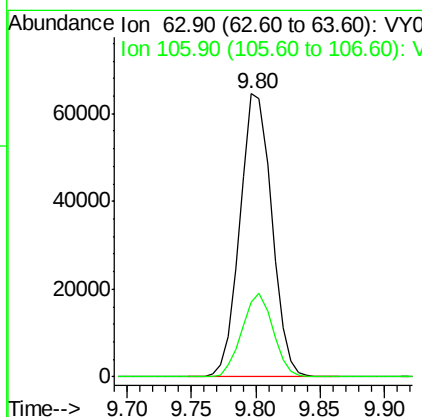
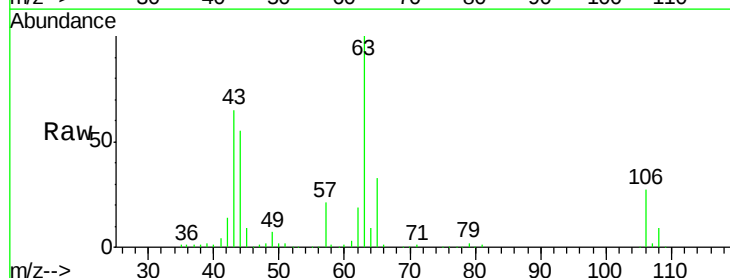
Manual Integrations
 APPROVED

MMDadoda
 1/23/2020 10:56:23 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.130 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Tgt Ion: 63 Resp: 110617
 Ion Ratio Lower Upper
 63 100
 106 28.6 22.5 33.7





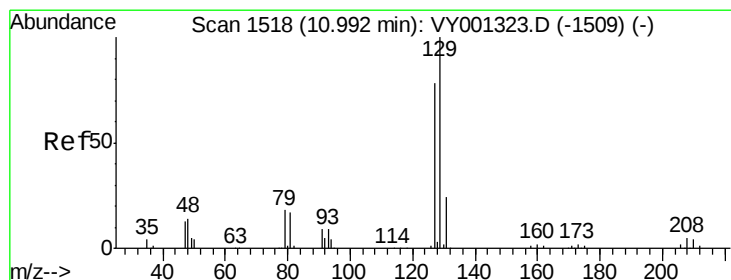
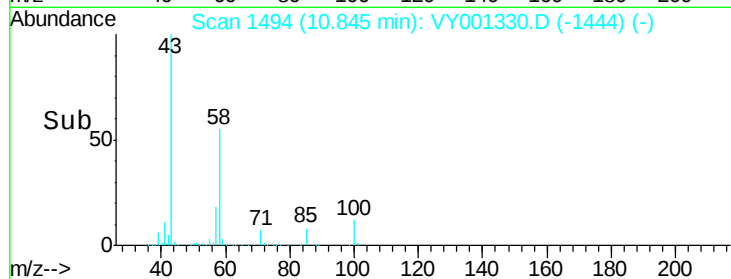
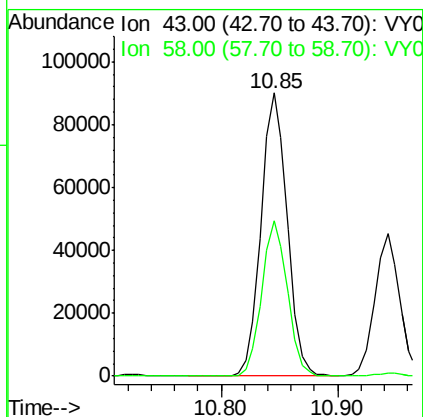
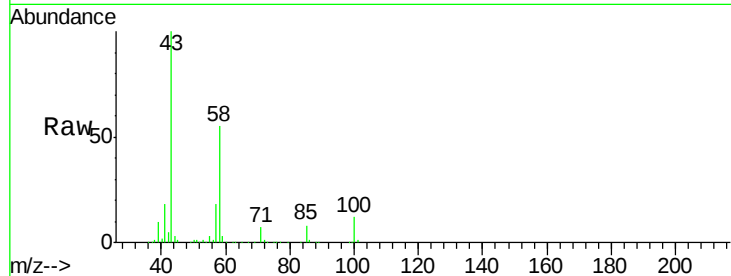
#59
2-Hexanone
Concen: 94.126 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

Tot Ion: 43 Resp: 140994
Ion Ratio Lower Upper
43 100
58 53.9 27.6 82.8

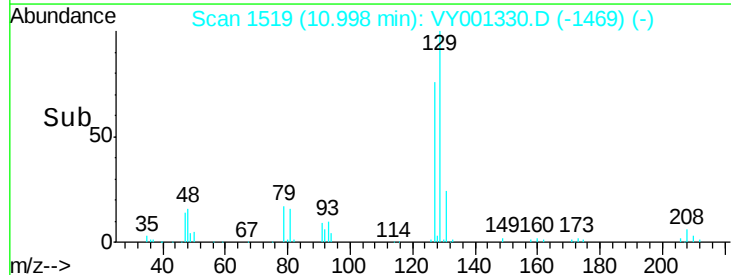
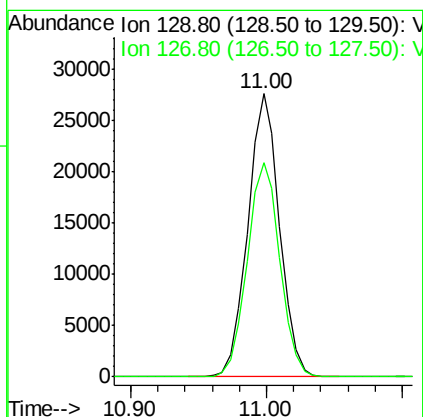
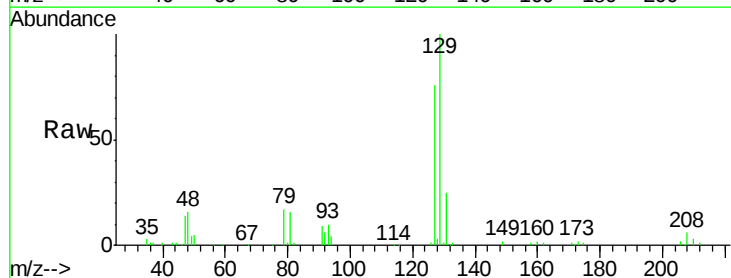
Manual Integrations
APPROVED

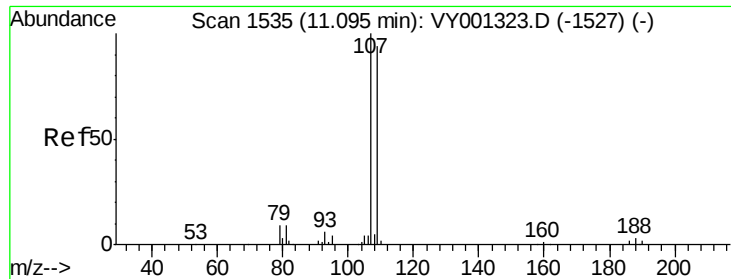
MMDadoda
1/23/2020 10:56:23 AM



#60
Dibromochloromethane
Concen: 19.036 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion: 129 Resp: 44971
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.4





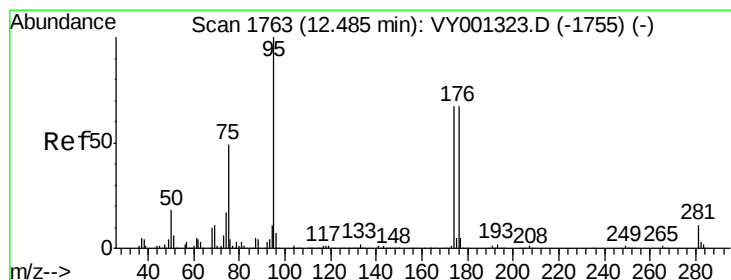
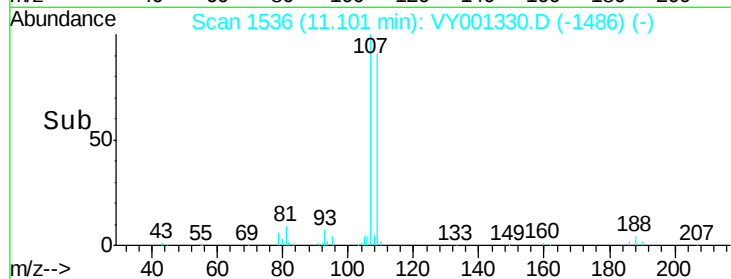
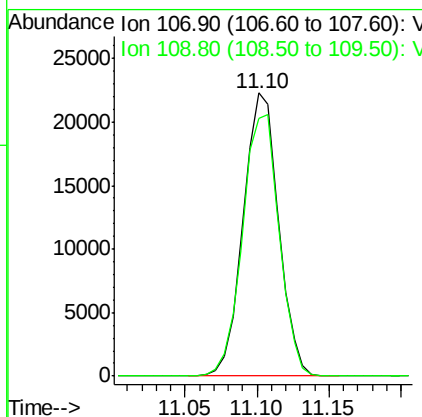
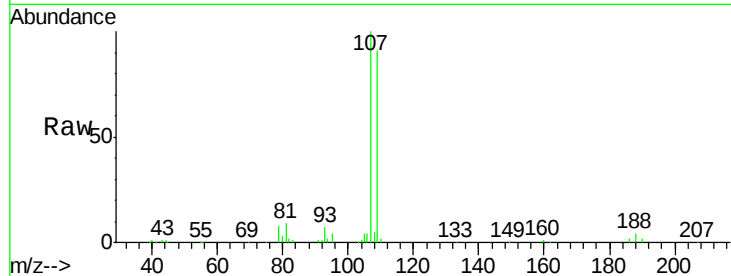
#61
1,2-Dibromoethane
Concen: 18.914 ug/l
RT: 11.10 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

Tot Ion: 107 Resp: 37768
Ion Ratio Lower Upper
107 100
109 95.7 75.0 112.6

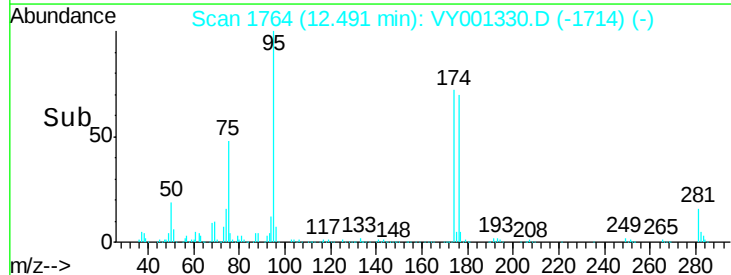
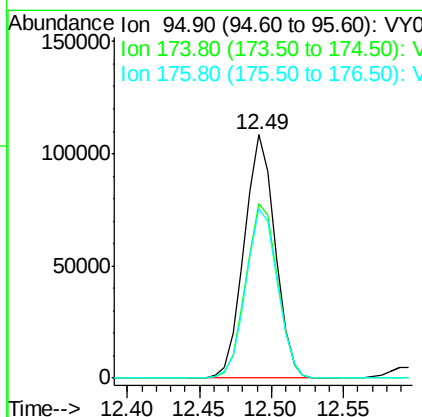
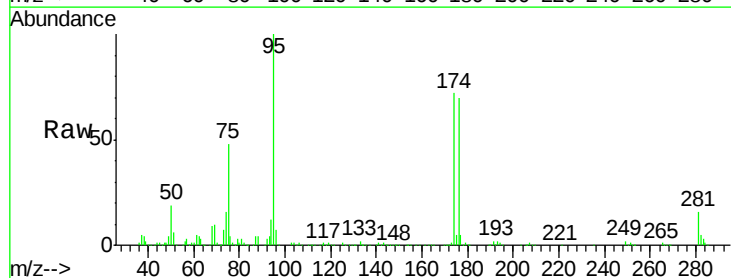
Manual Integrations
APPROVED

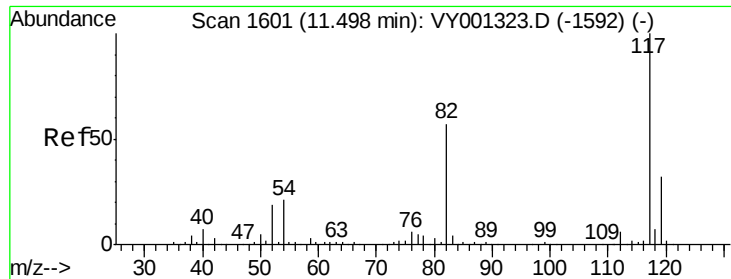
MMDadoda
1/23/2020 10:56:23 AM



#62
4-Bromofluorobenzene
Concen: 47.501 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion: 95 Resp: 160569
Ion Ratio Lower Upper
95 100
174 73.7 0.0 142.0
176 71.4 0.0 138.6





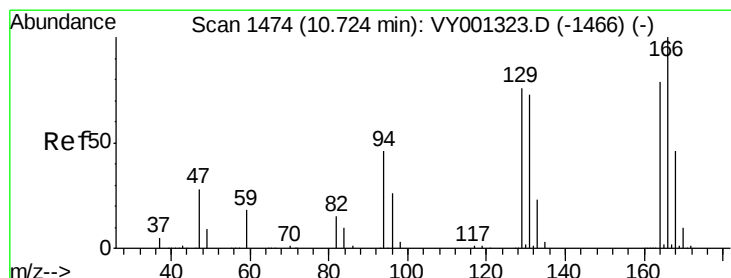
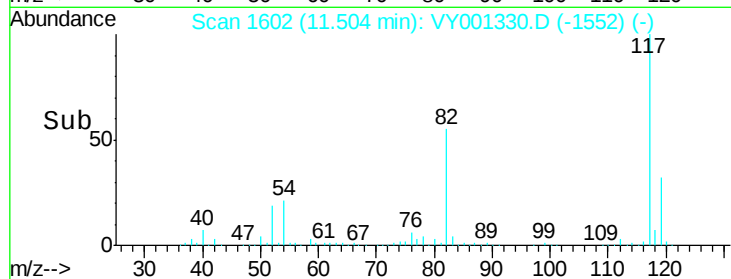
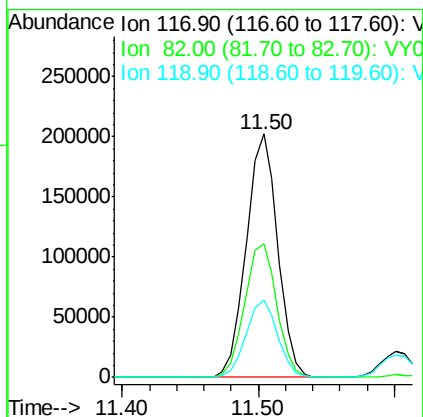
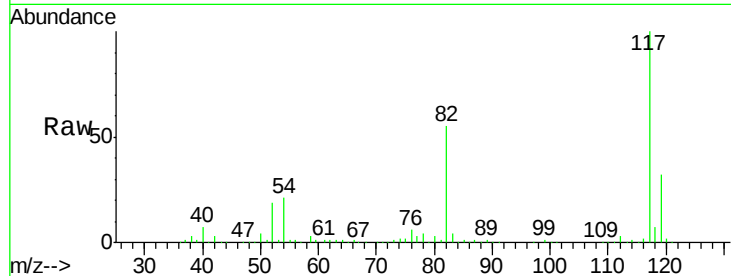
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	45.5	68.3
119	31.7	25.8	38.6

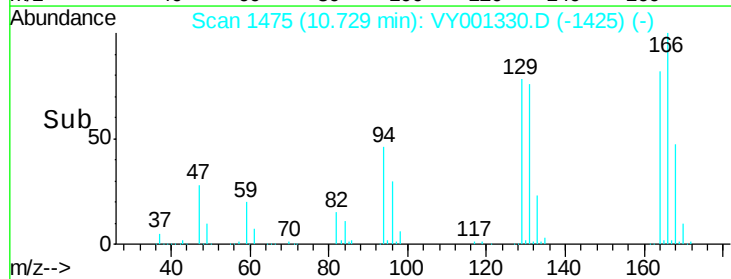
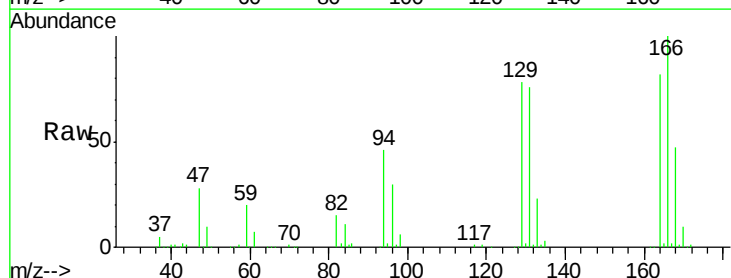
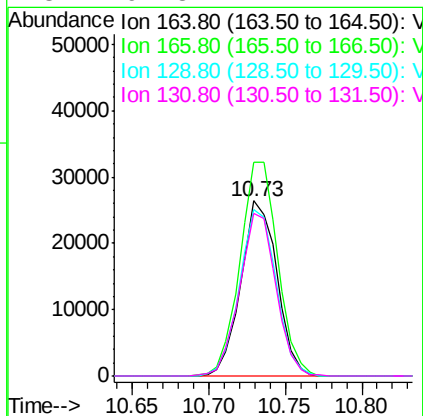
Manual Integrations
APPROVED

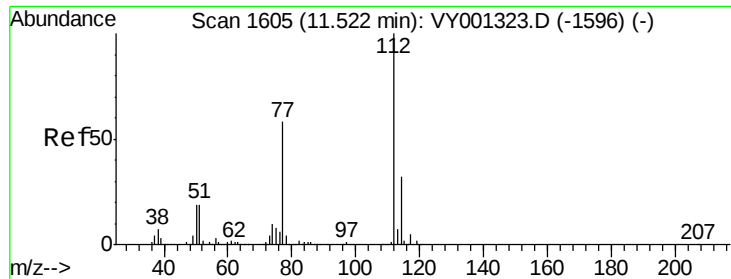
MMDadoda
1/23/2020 10:56:23 AM



#64
Tetrachloroethene
Concen: 20.742 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.8	101.8	152.8
129	94.9	77.1	115.7
131	92.8	74.2	111.2





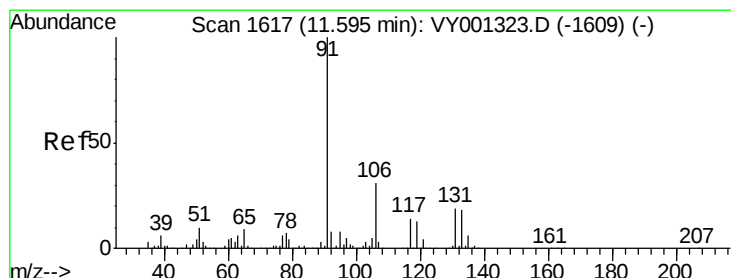
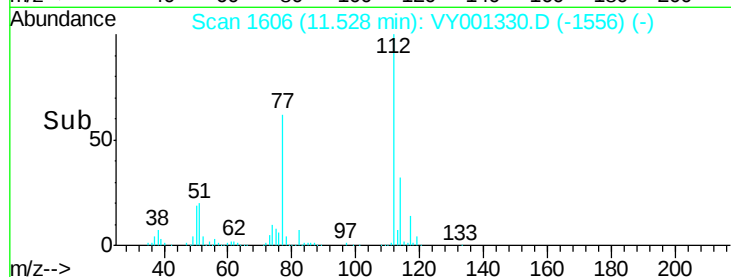
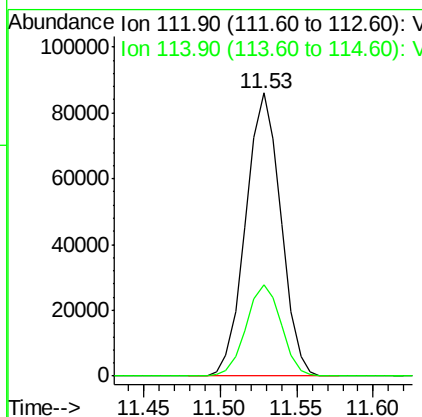
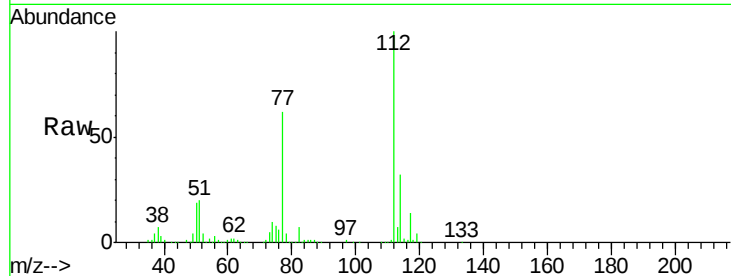
#65
Chlorobenzene
Concen: 19.982 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.8	38.6

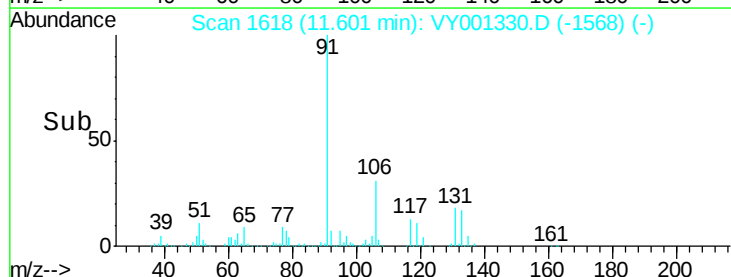
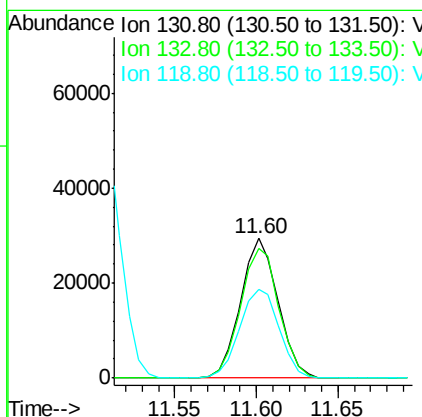
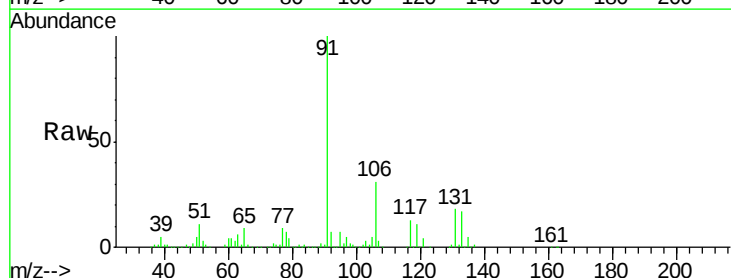
Manual Integrations
APPROVED

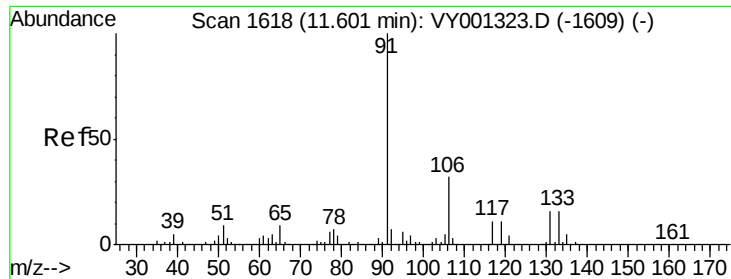
MMDadoda
1/23/2020 10:56:23 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.941 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.1	141.3
119	67.3	34.1	102.2





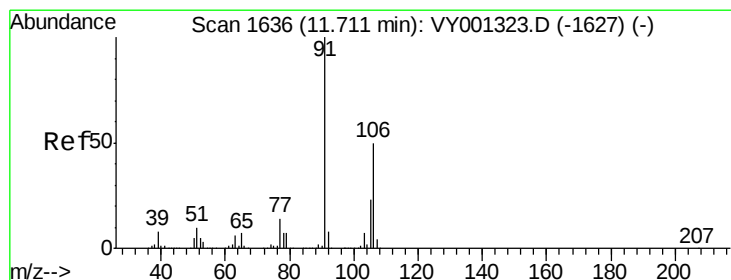
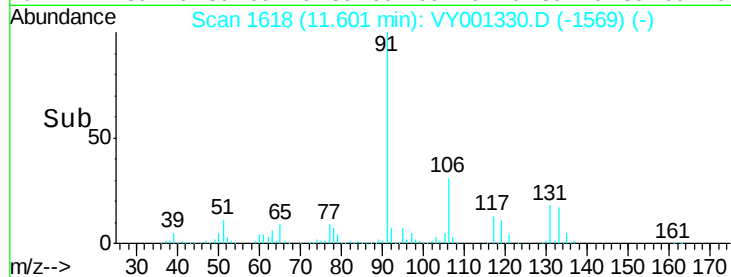
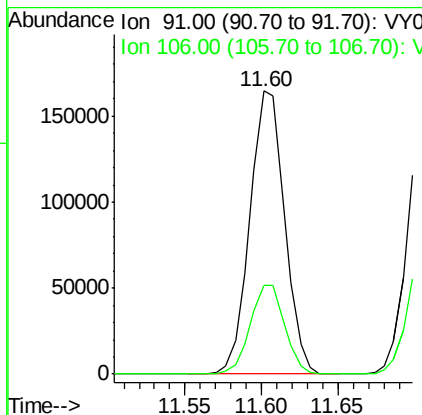
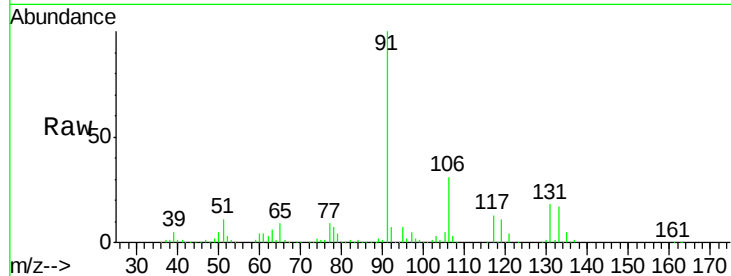
#67
Ethyl Benzene
Concen: 20.495 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.4	38.0

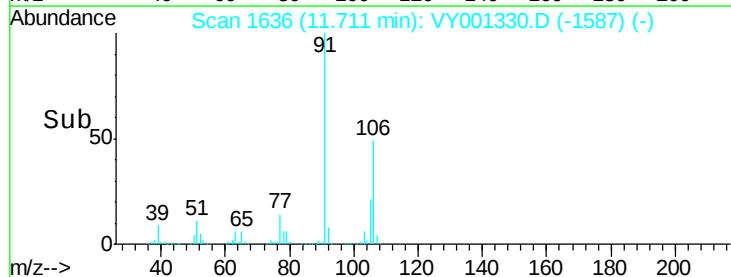
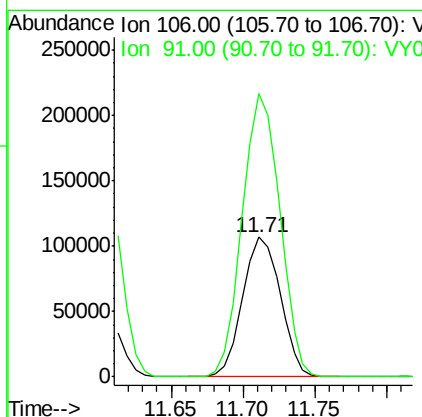
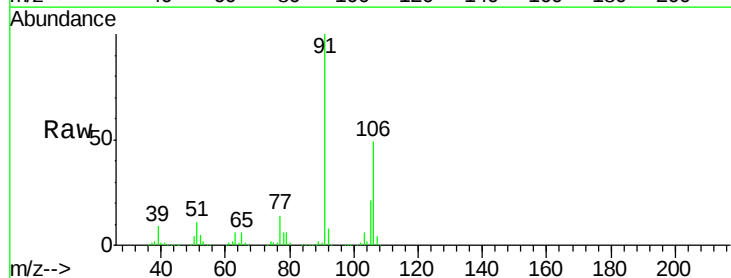
Manual Integrations
APPROVED

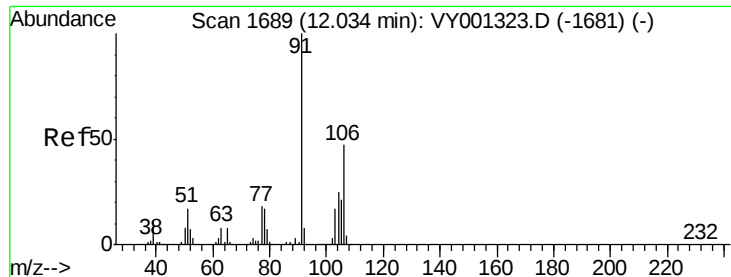
MMDadoda
1/23/2020 10:56:23 AM



#68
m/p-Xylenes
Concen: 41.079 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
106	100		
91	201.8	162.8	244.2





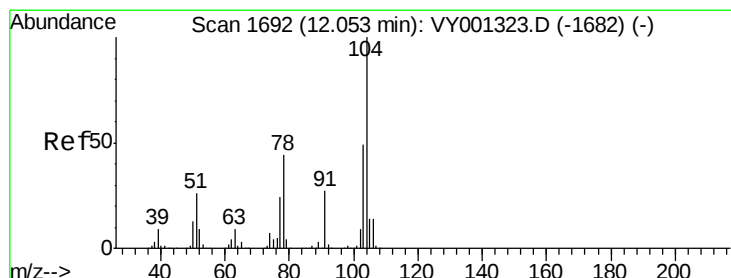
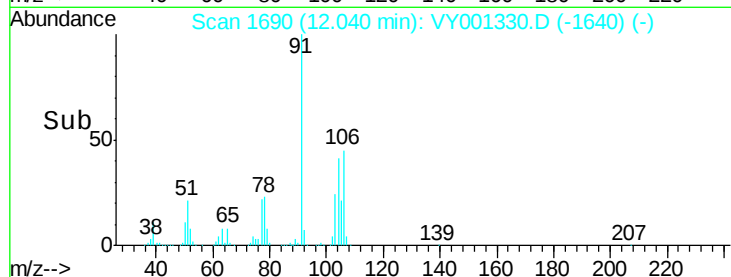
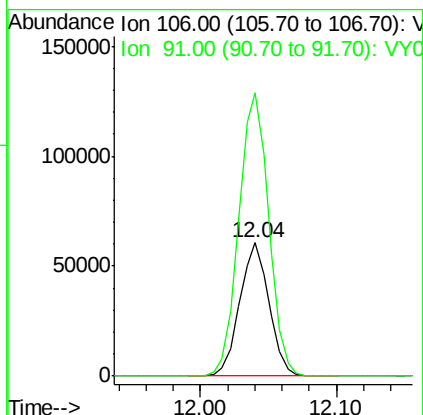
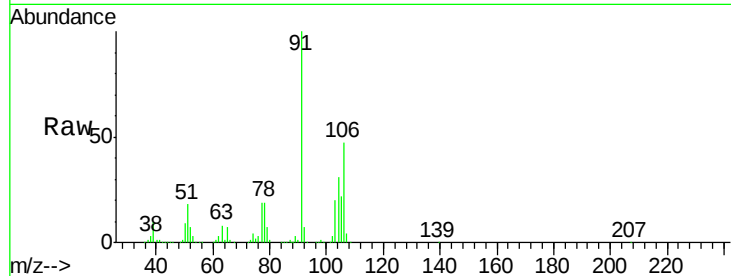
#69
o-Xylene
Concen: 19.880 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	217.1	106.3	319.0	

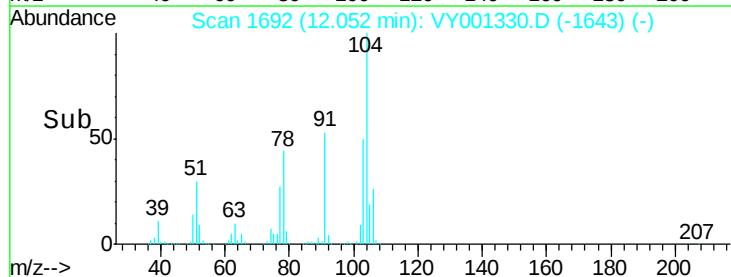
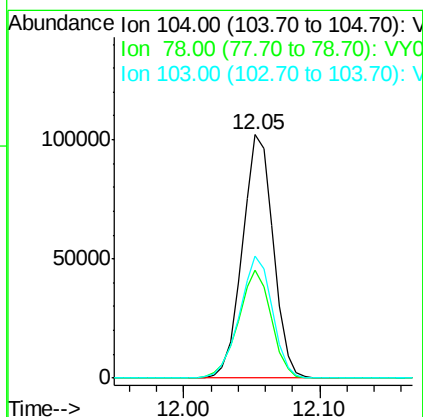
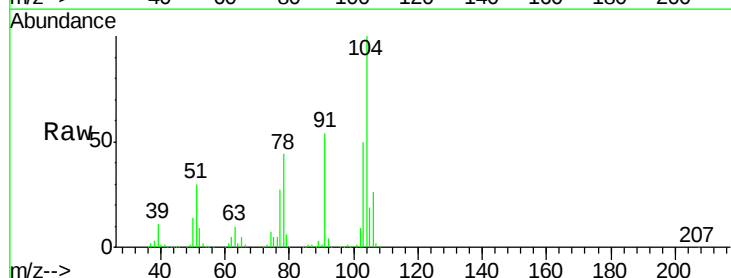
Manual Integrations
APPROVED

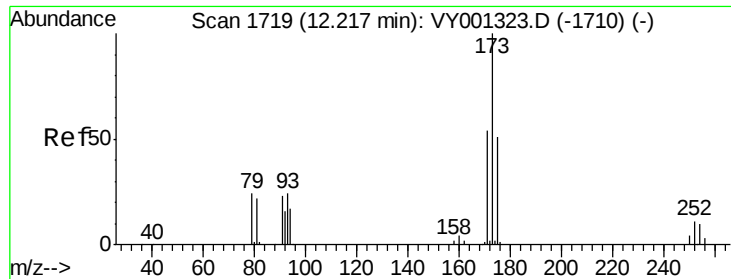
MMDadoda
1/23/2020 10:56:23 AM



#70
Styrene
Concen: 20.158 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.6	39.8	59.8	
103	53.3	43.2	64.8	





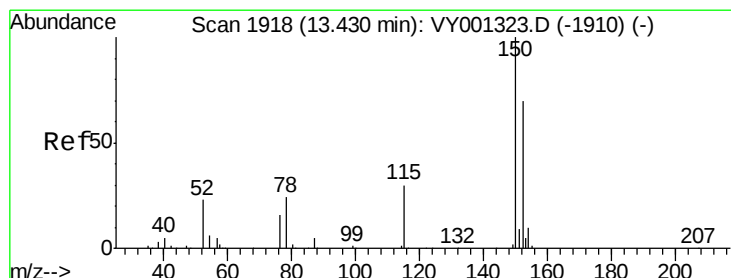
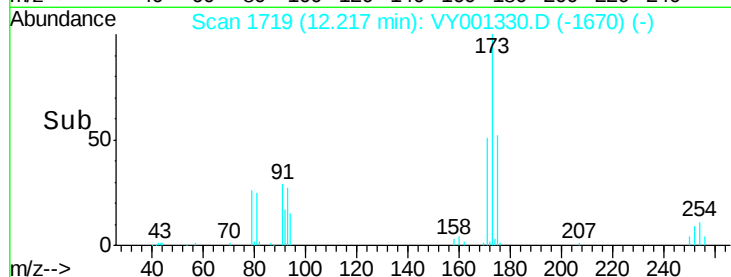
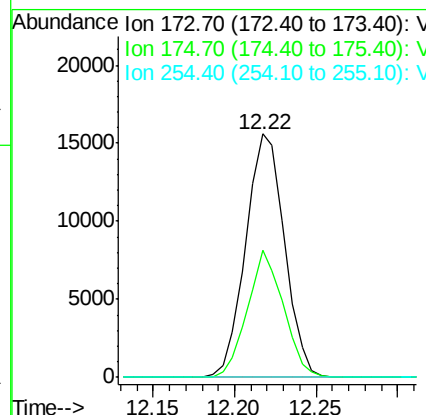
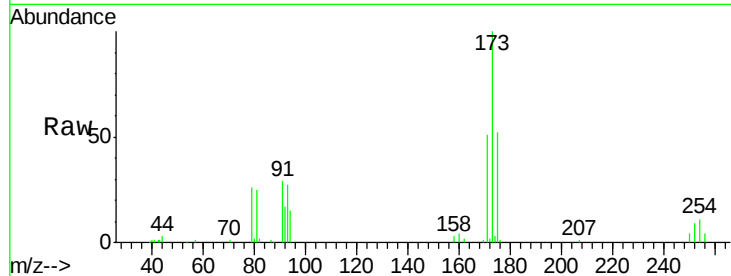
#71
Bromoform
Concen: 18.409 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.00 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.3	72.9
254	0.0	0.0	0.0

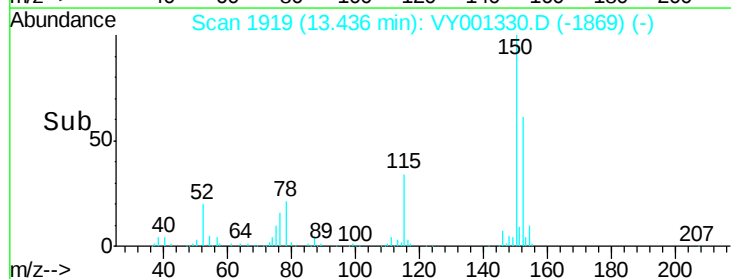
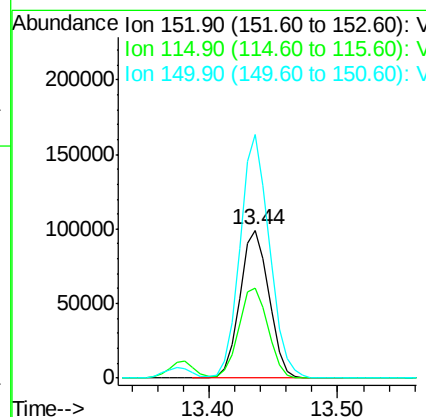
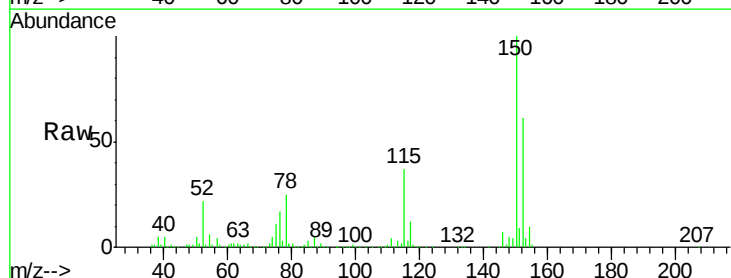
Manual Integrations
APPROVED

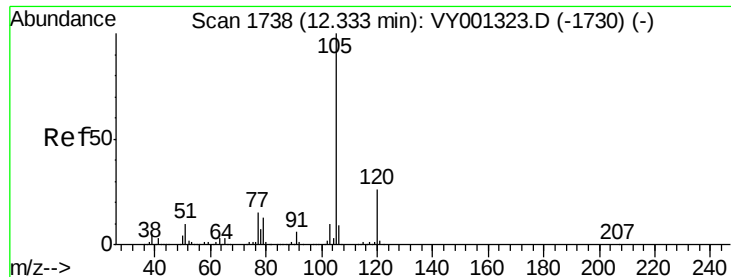
MMDadoda
1/23/2020 10:56:23 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.3	30.9	92.8
150	167.3	0.0	349.2





#73

Isopropylbenzene

Concen: 20.385 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

Tot Ion: 105 Resp: 248245

Ion Ratio Lower Upper

105 100

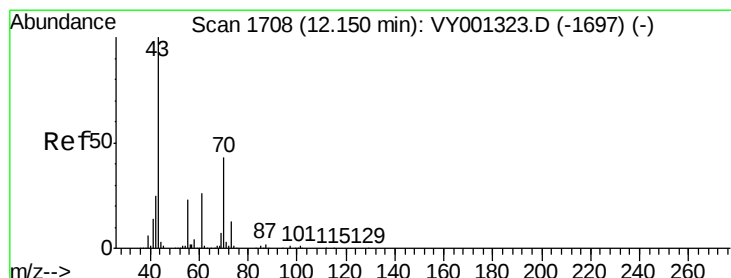
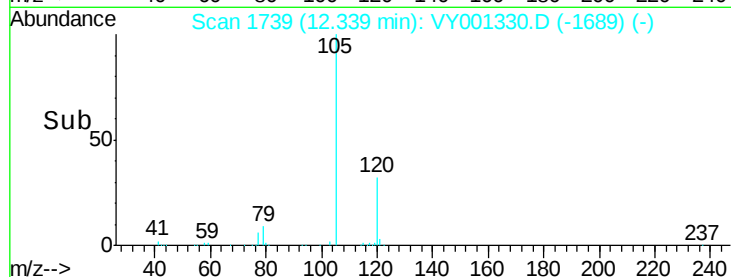
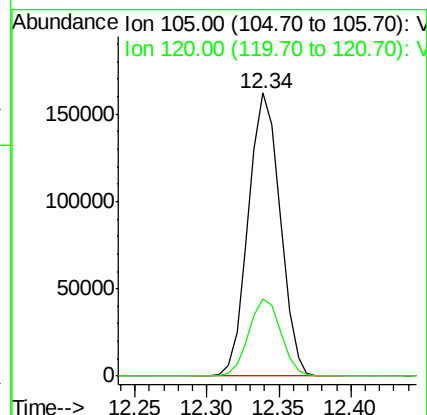
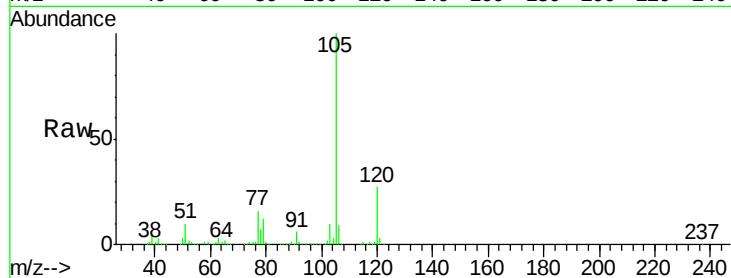
120 27.4 13.5 40.4

Manual Integrations

APPROVED

MMDadoda

1/23/2020 10:56:23 AM



#74

N-ethyl acetate

Concen: 18.332 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Tgt Ion: 43 Resp: 73076

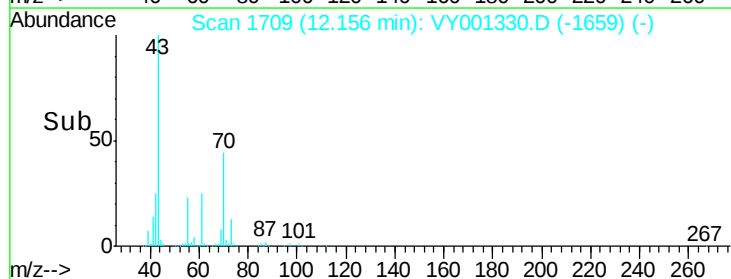
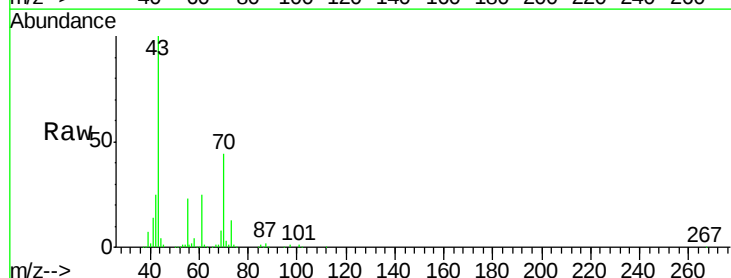
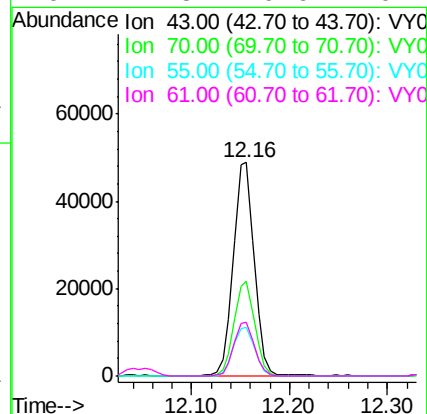
Ion Ratio Lower Upper

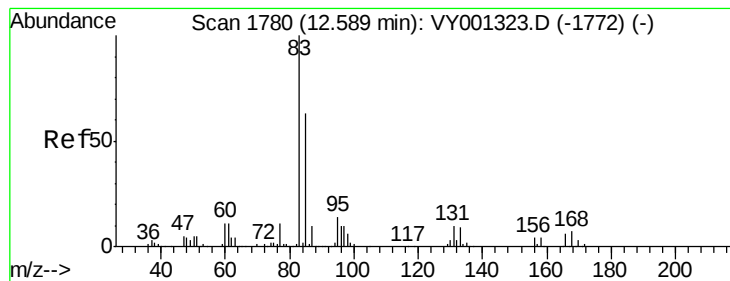
43 100

70 43.4 33.5 50.3

55 23.3 18.2 27.2

61 24.8 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.960 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

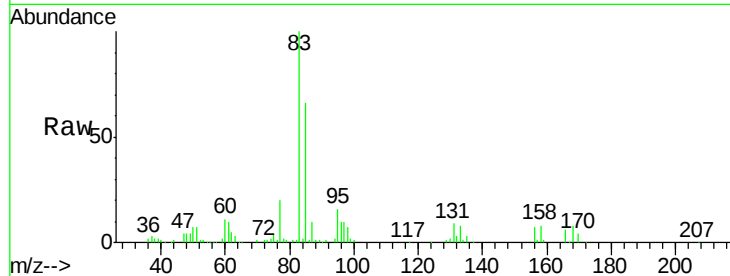
ClientSampleId :

VY0122SBS01

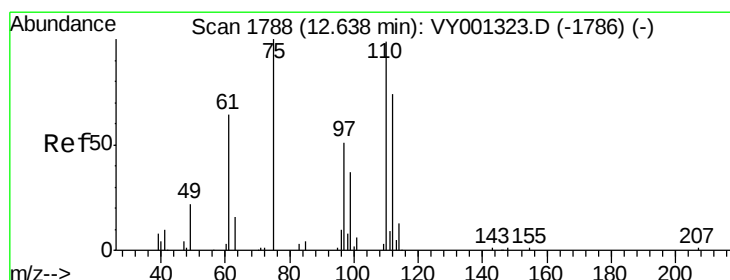
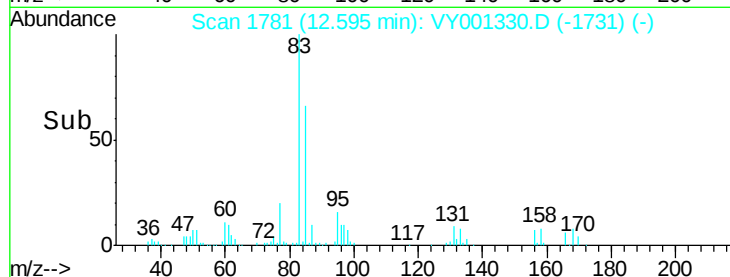
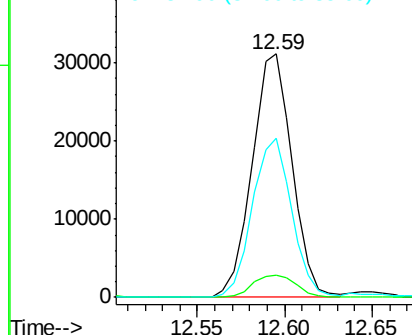
Tot Ion:	83	Resp:	49449
Ion Ratio	Lower	Upper	
83	100		
131	10.0	4.9	14.6
85	64.6	31.4	94.3

Manual Integrations
APPROVED

MMDadoda
1/23/2020 10:56:23 AM



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 21.314 ug/l m

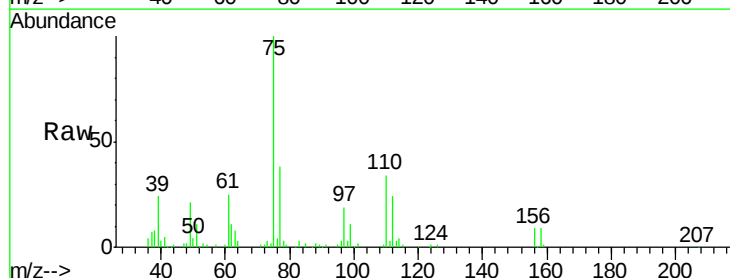
RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

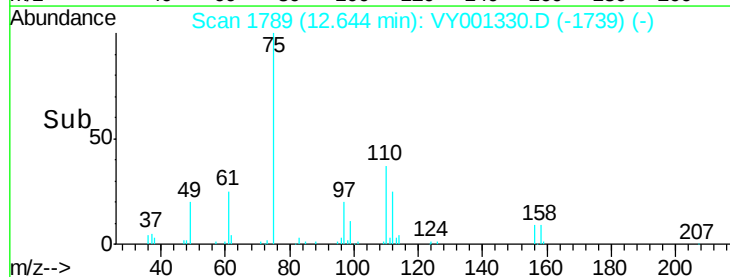
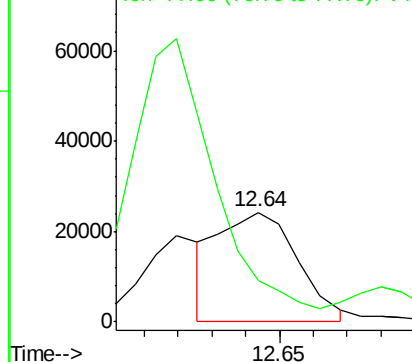
Lab File: VY001330.D

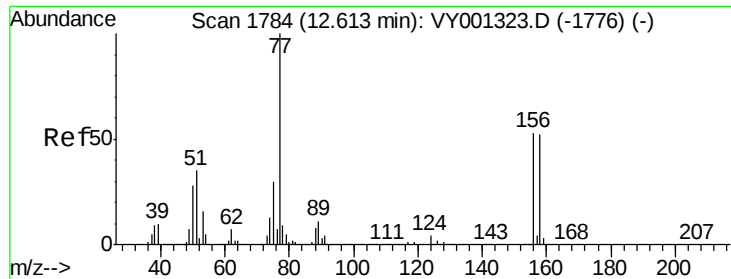
Acq: 22 Jan 2020 15:02

Tgt Ion:	75	Resp:	39637
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





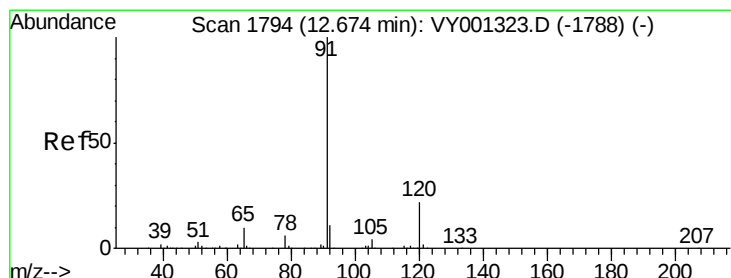
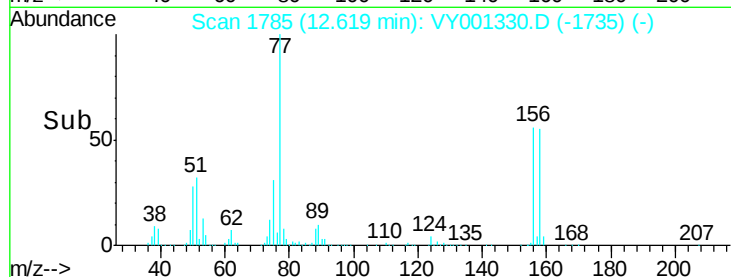
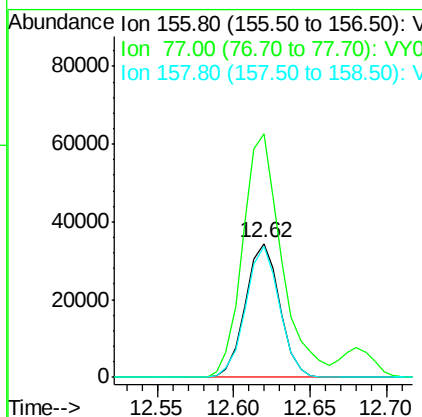
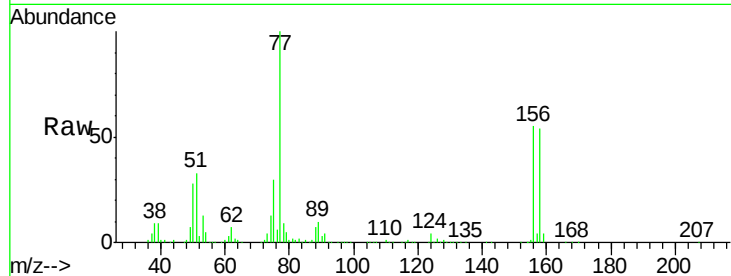
#77
Bromobenzene
Concen: 19.855 ug/l
RT: 12.62 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	206.8	104.7	313.9
158	97.0	48.6	145.8

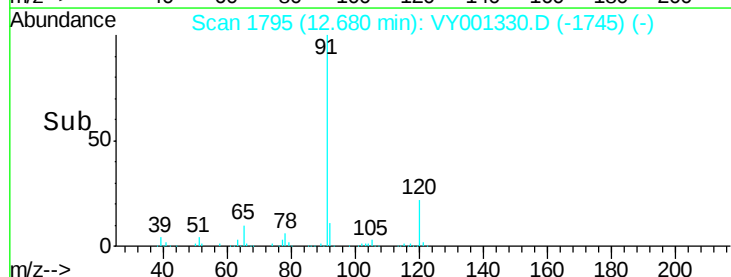
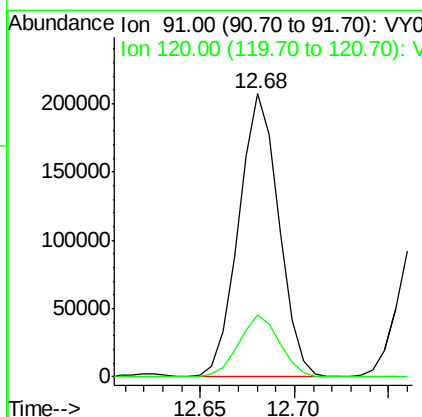
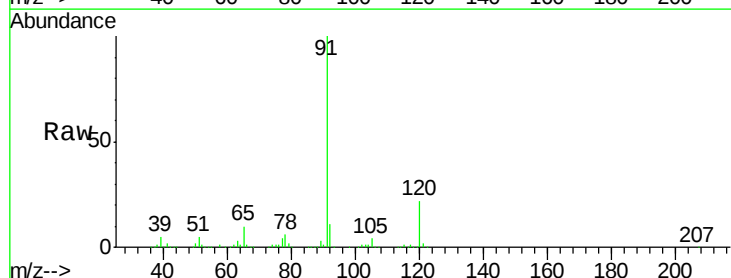
Manual Integrations
APPROVED

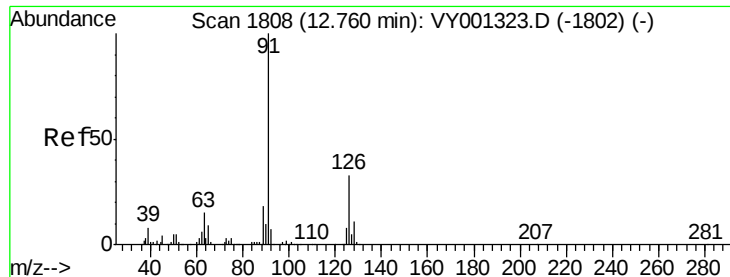
MMDadoda
1/23/2020 10:56:23 AM



#78
n-propylbenzene
Concen: 20.836 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.3	33.8





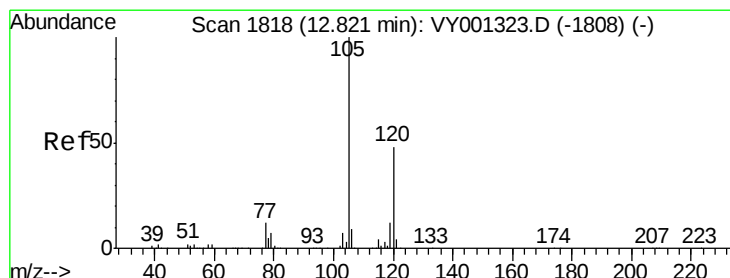
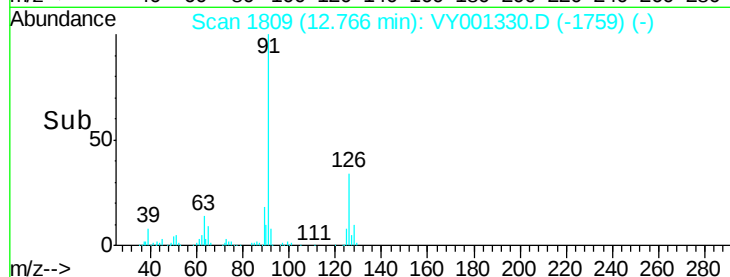
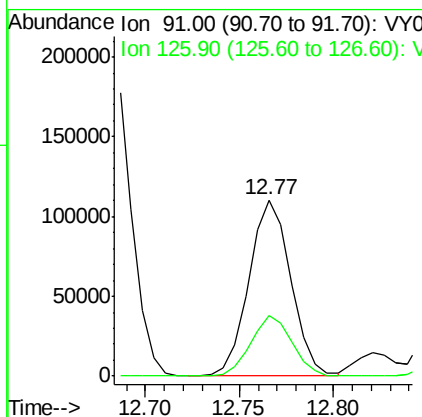
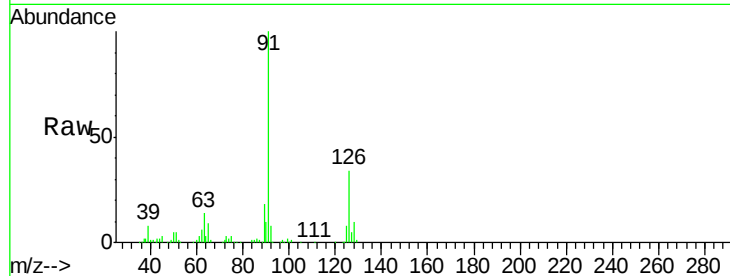
#79
 2-Chlorotoluene
 Concen: 20.275 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0122SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.6	49.7

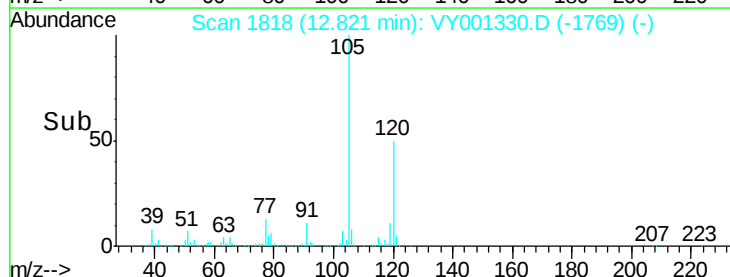
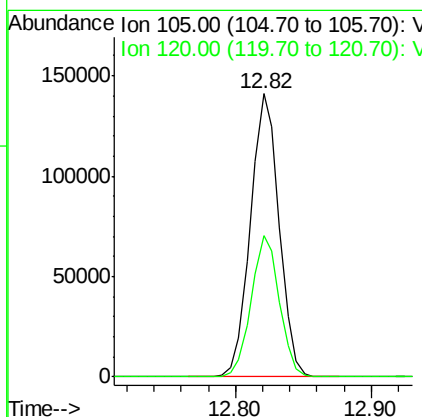
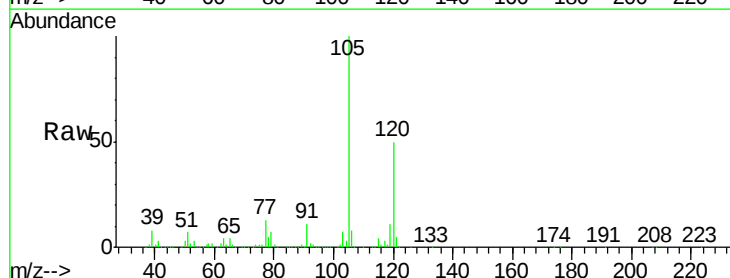
Manual Integrations
 APPROVED

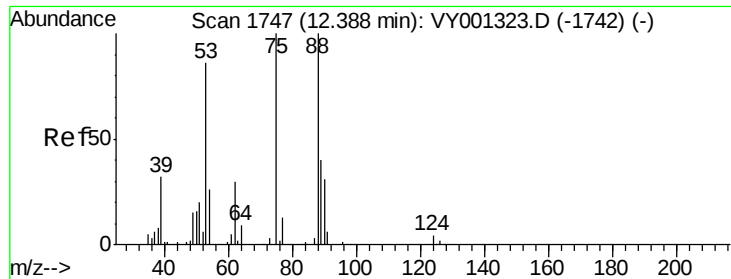
MMDadoda
 1/23/2020 10:56:23 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.547 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.3	72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 18.866 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

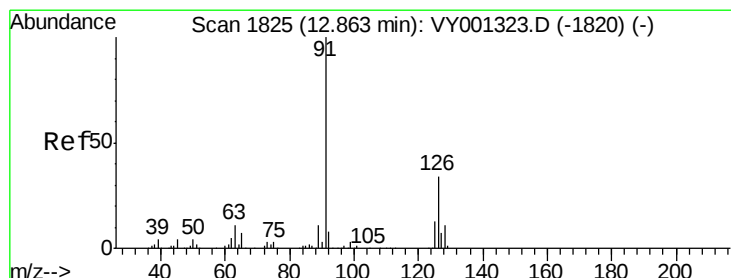
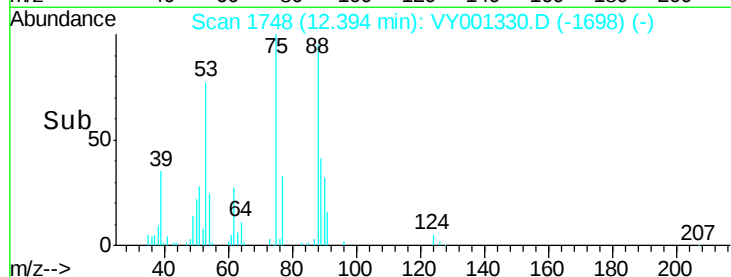
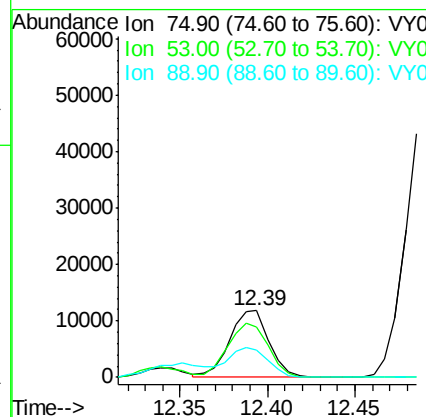
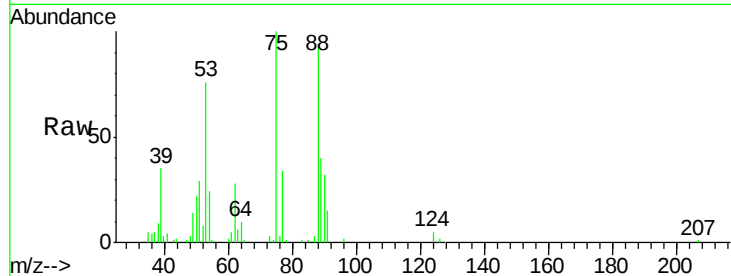
ClientSampleId :

VY0122SBS01

Tot Ion:	75	Resp:	18540
Ion	Ratio	Lower	Upper
75	100		
53	84.7	69.9	104.9
89	47.0	36.6	54.8

Manual Integrations
APPROVED

MMDadoda
1/23/2020 10:56:23 AM



#82

4-Chlorotoluene

Concen: 19.836 ug/l

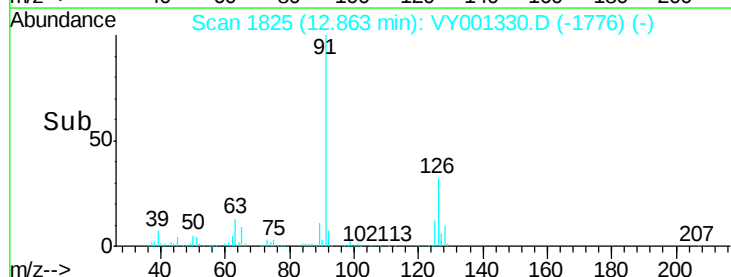
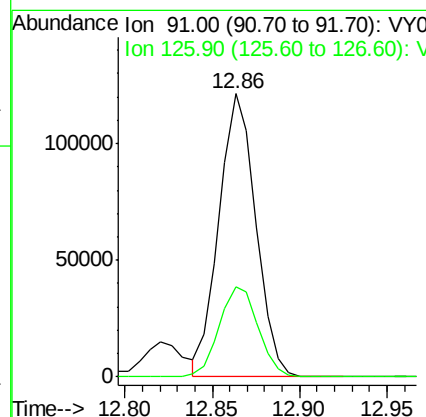
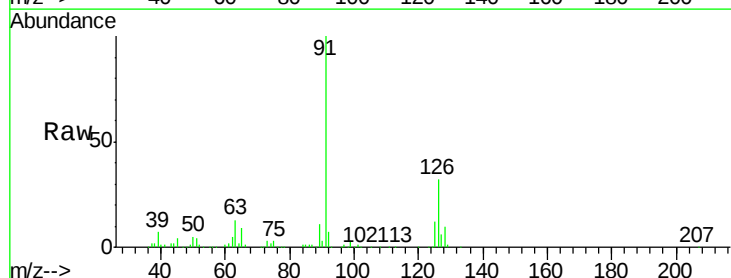
RT: 12.86 min Scan# 1825

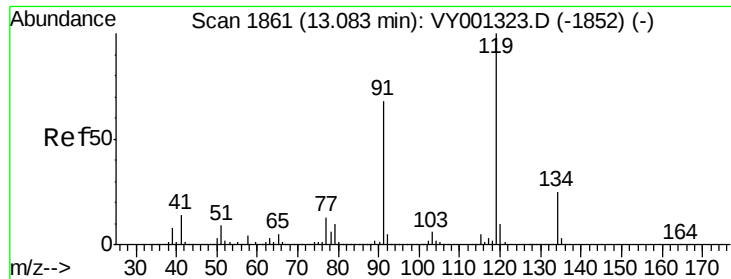
Delta R.T. -0.00 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Tgt Ion:	91	Resp:	177425
Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.4	49.4





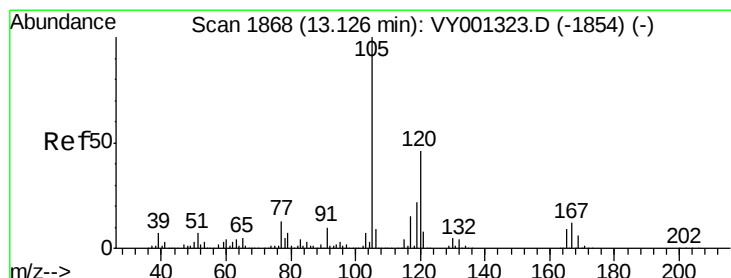
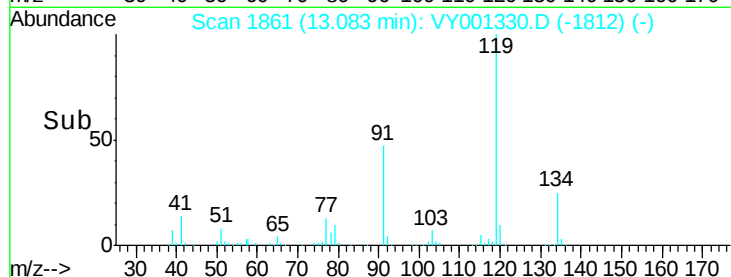
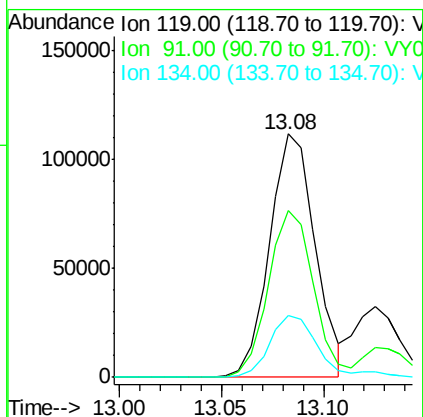
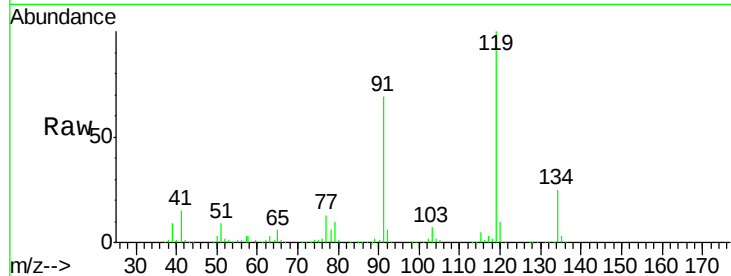
#83
tert-Butylbenzene
Concen: 20.315 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.2	33.0	99.0
134	27.5	13.3	39.9

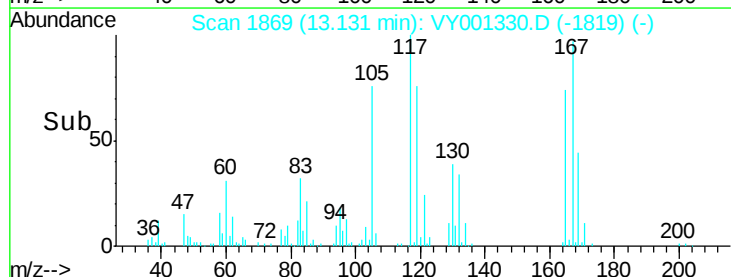
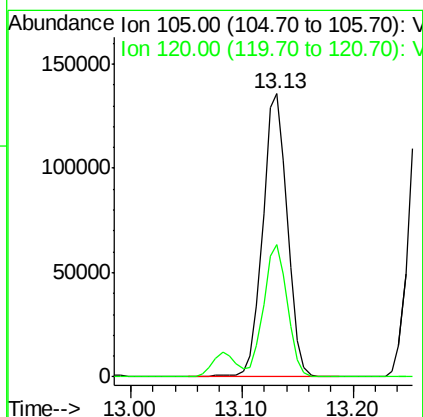
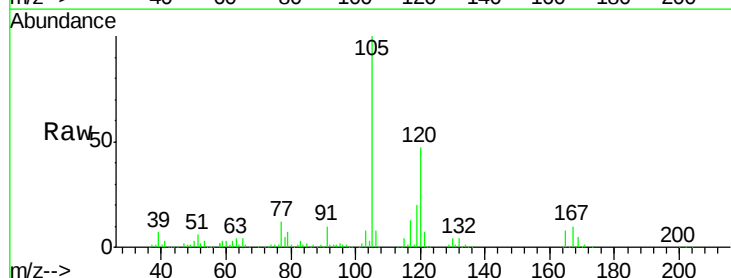
Manual Integrations
APPROVED

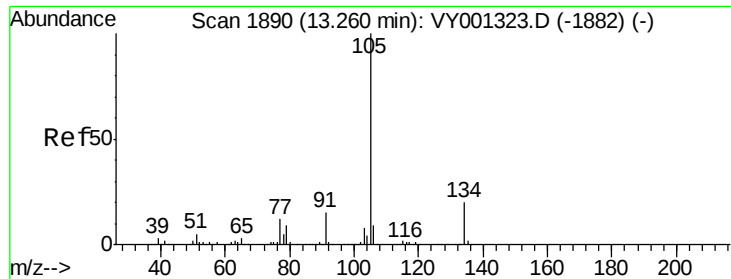
MMDadoda
1/23/2020 10:56:23 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.525 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.4	67.3





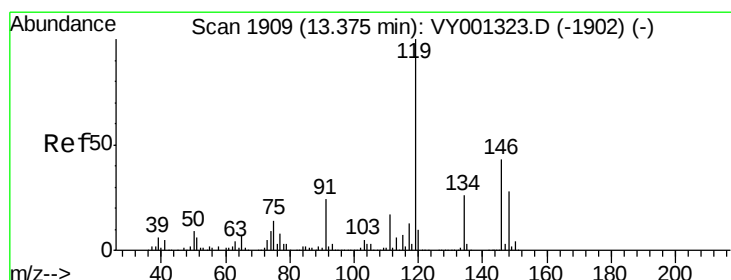
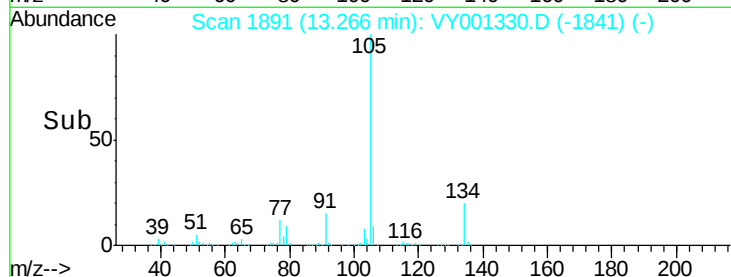
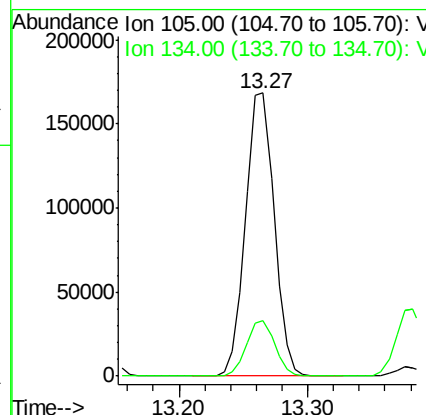
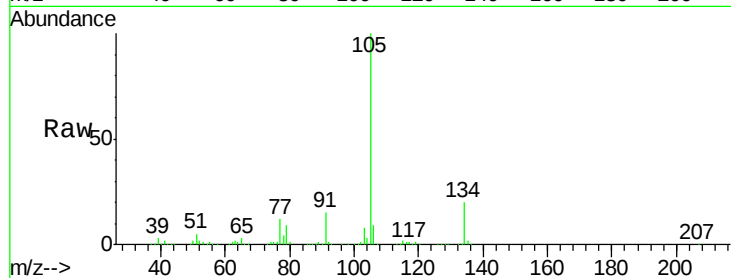
#85
 sec-Butylbenzene
 Concen: 21.270 ug/l
 RT: 13.27 min Scan# 1891
 Delta R.T. 0.01 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	258941		
134	19.4	9.8	29.4	

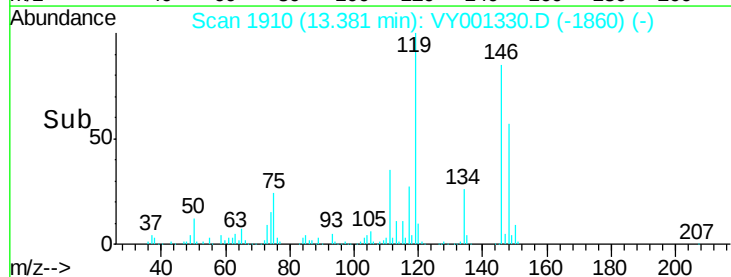
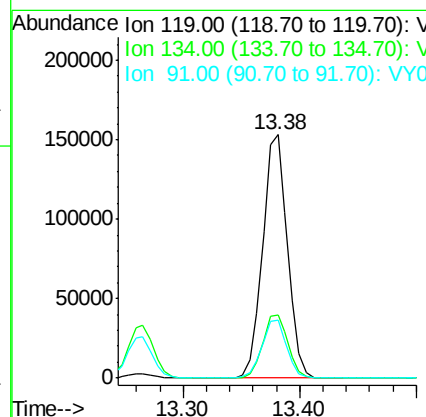
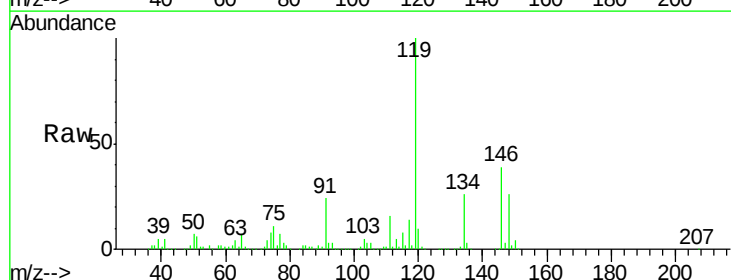
Manual Integrations
 APPROVED

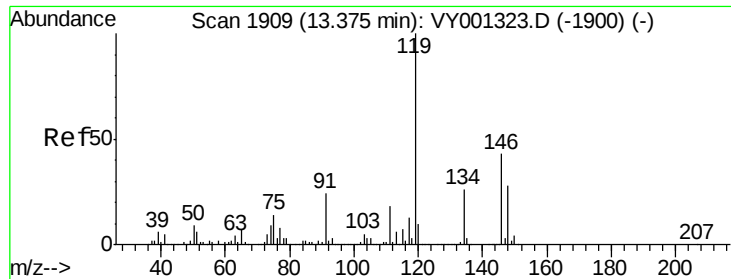
MMDadoda
 1/23/2020 10:56:23 AM



#86
 p-Isopropyltoluene
 Concen: 21.127 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	226658		
134	26.7	13.5	40.4	
91	23.8	12.2	36.6	





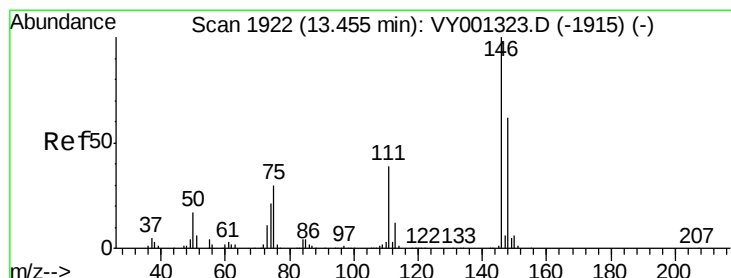
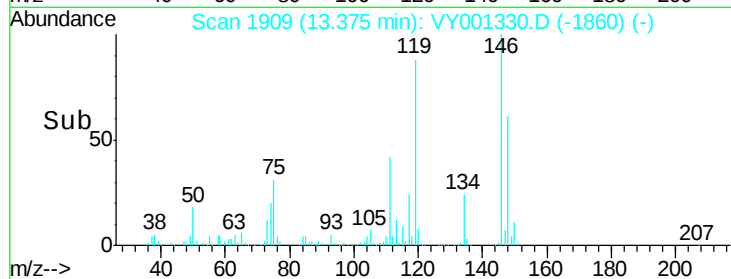
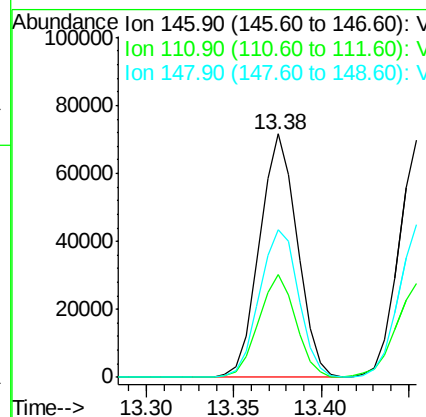
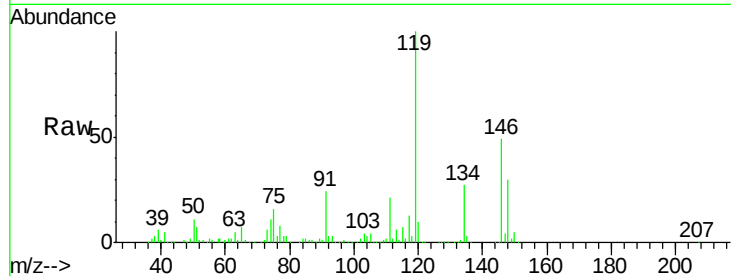
#87
 1,3-Dichlorobenzene
 Concen: 20.681 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.5	20.6	61.8	
148	62.8	31.6	95.0	

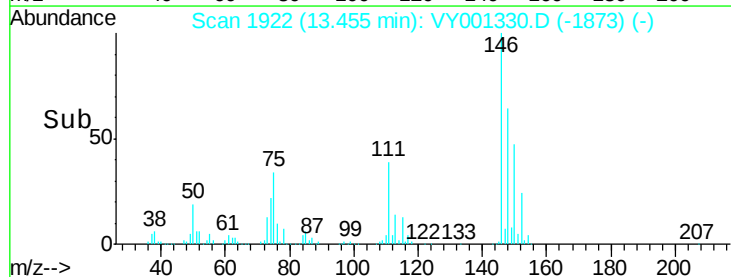
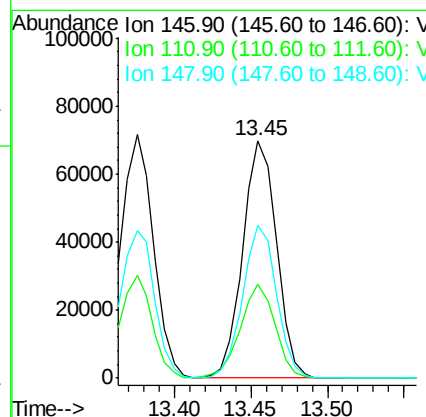
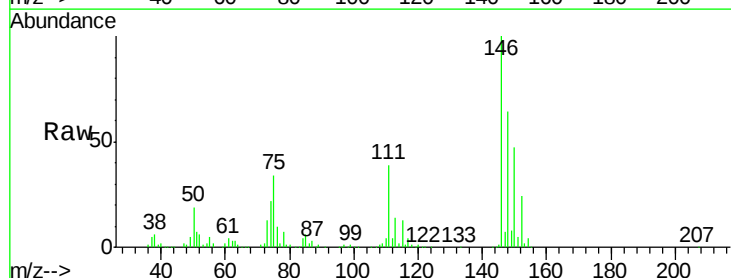
Manual Integrations
 APPROVED

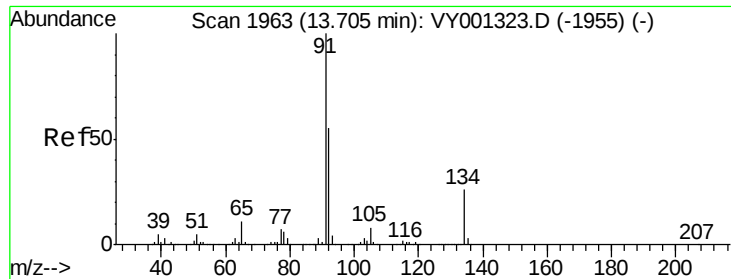
MMDadoda
 1/23/2020 10:56:23 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.359 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	40.7	20.5	61.5	
148	64.3	31.6	95.0	





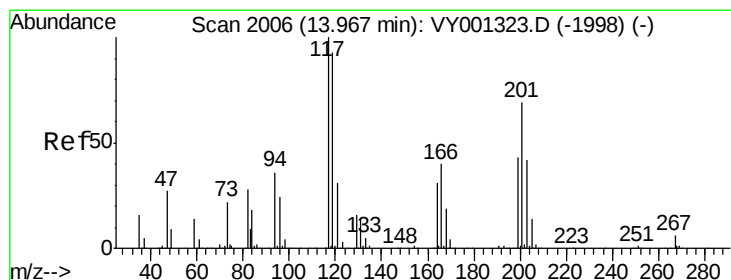
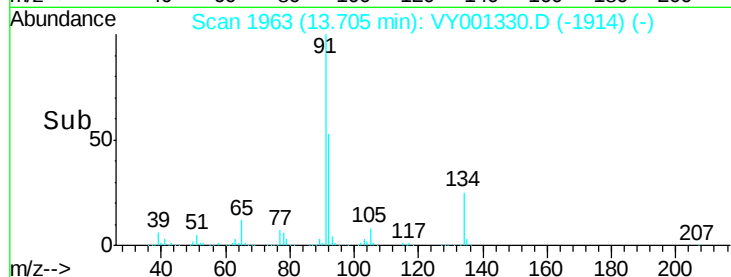
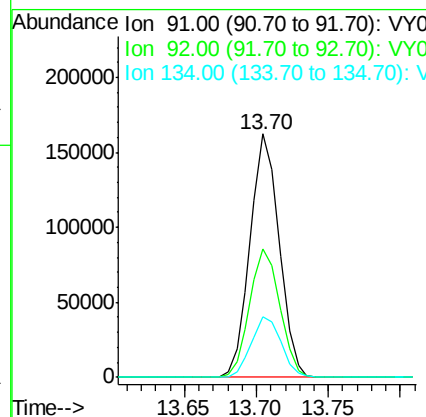
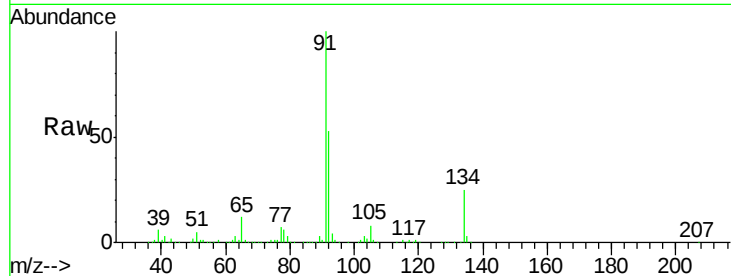
#89
n-Butylbenzene
Concen: 21.079 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.6	82.8
134	25.4	12.9	38.6

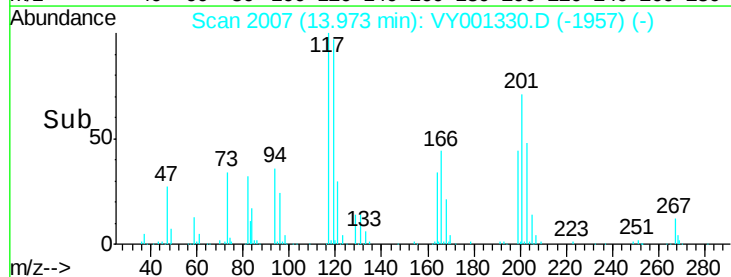
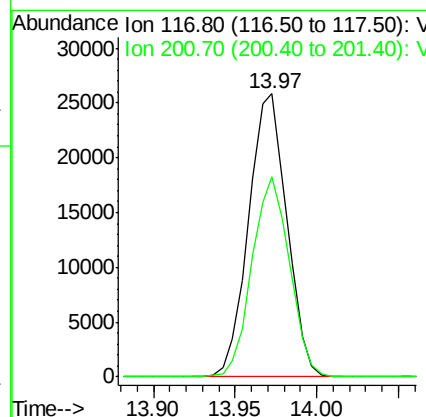
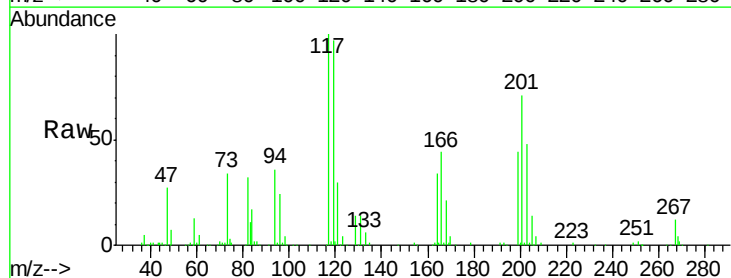
Manual Integrations
APPROVED

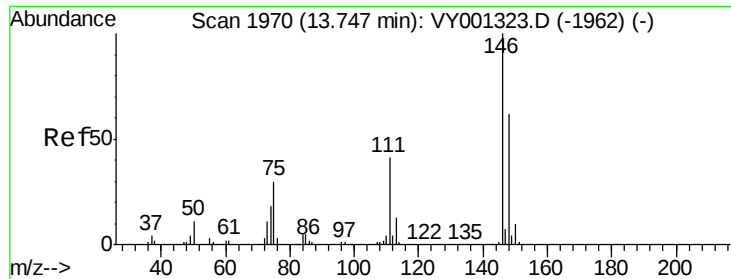
MMDadoda
1/23/2020 10:56:23 AM



#90
Hexachloroethane
Concen: 20.779 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.4	34.6	103.8





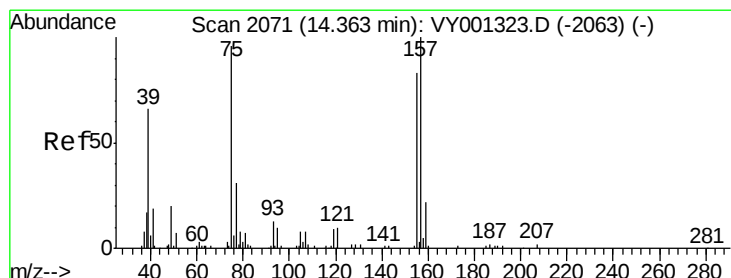
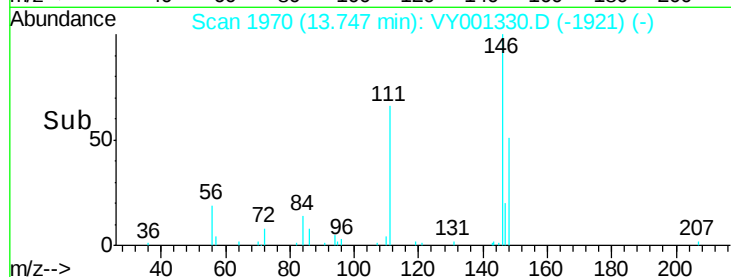
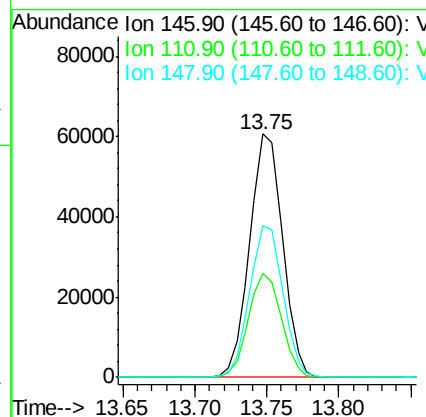
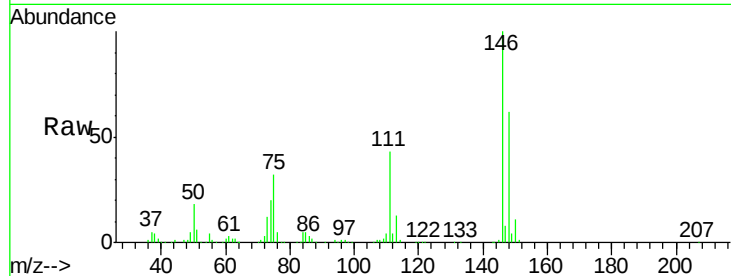
#91
 1,2-Dichlorobenzene
 Concen: 20.047 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0122SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.1	63.4
148	62.9	31.5	94.5

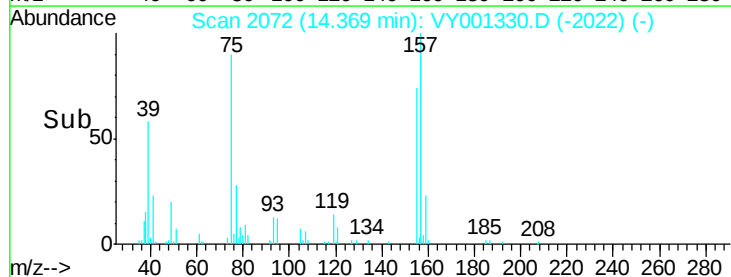
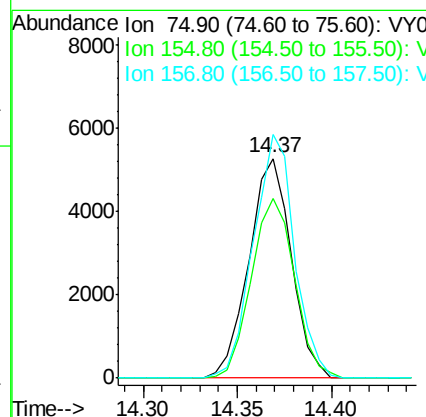
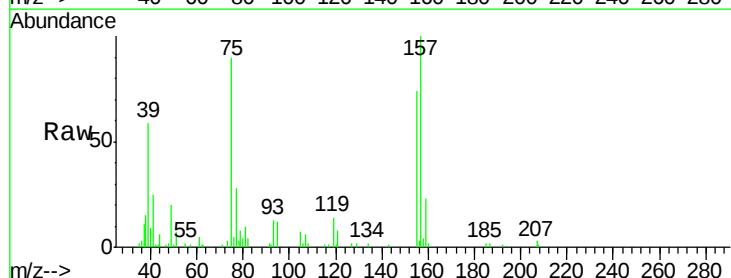
Manual Integrations
 APPROVED

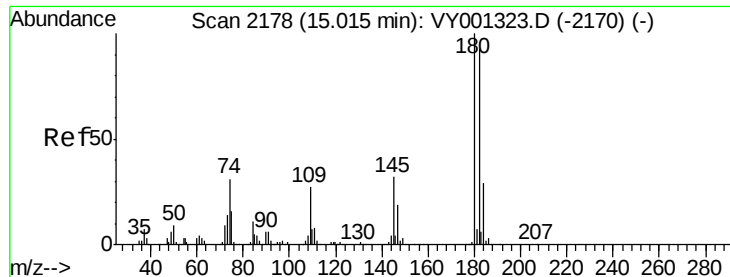
MMDadoda
 1/23/2020 10:56:23 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.245 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.2	43.0	129.2
157	107.1	53.3	160.0





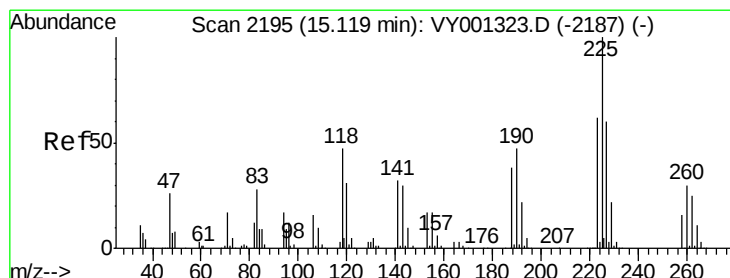
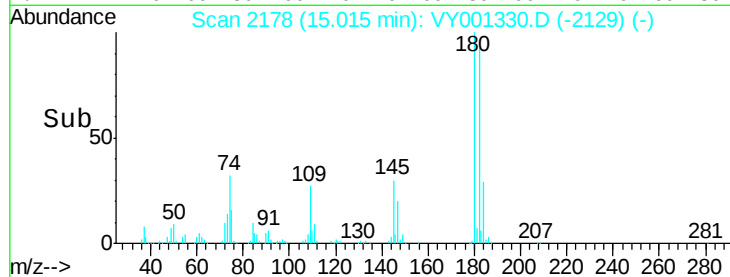
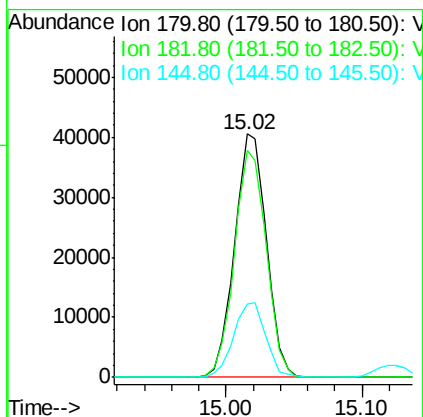
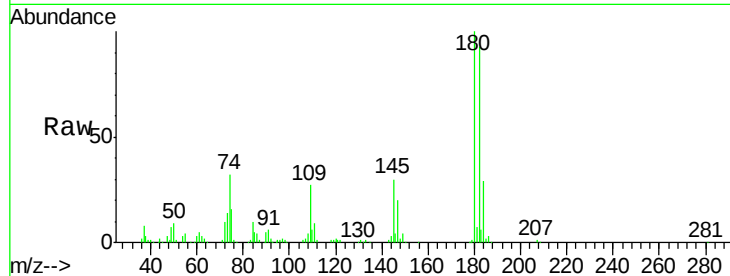
#93
1,2,4-Trichlorobenzene
Concen: 20.576 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.6	142.8
145	30.8	16.3	48.9

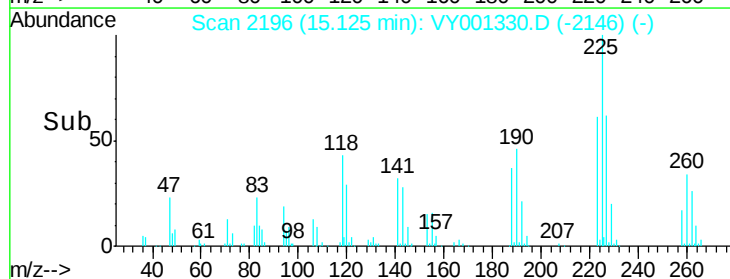
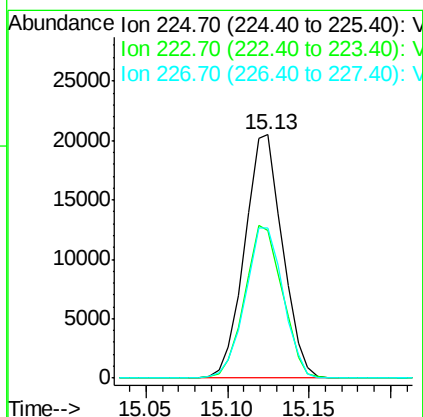
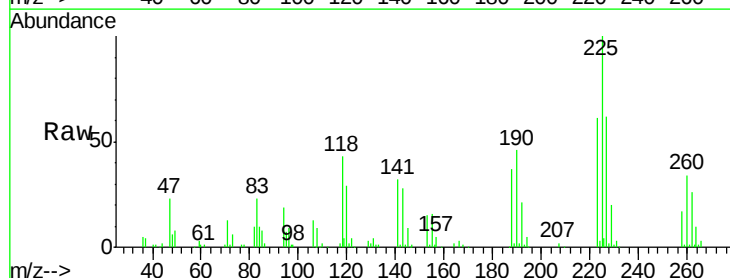
Manual Integrations
APPROVED

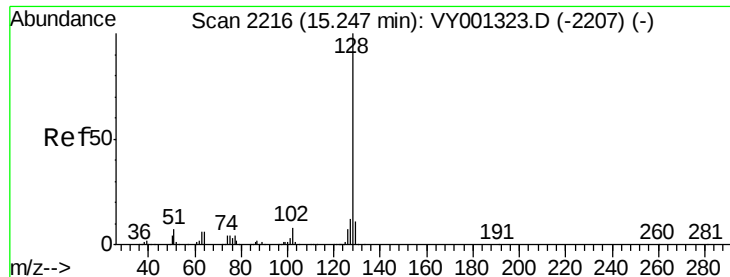
MMDadoda
1/23/2020 10:56:23 AM



#94
Hexachlorobutadiene
Concen: 21.172 ug/l
RT: 15.13 min Scan# 2196
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.2	93.6
227	62.3	31.0	93.0





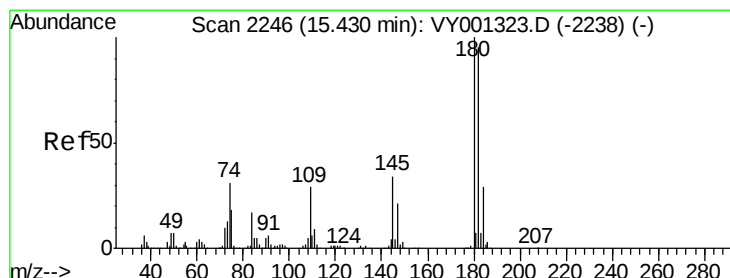
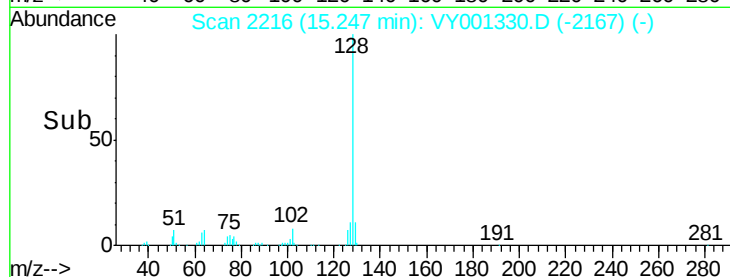
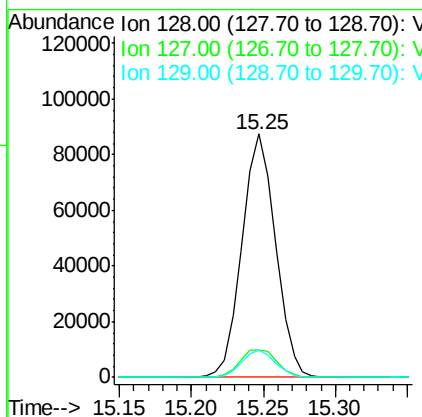
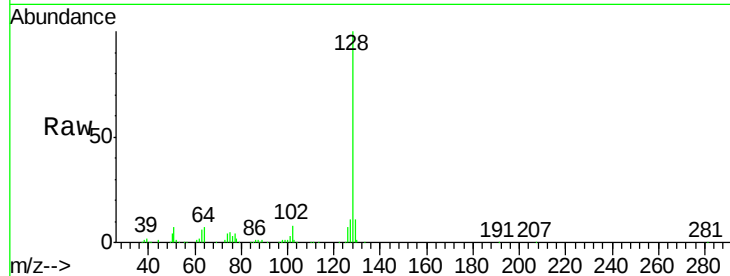
#95
Naphthalene
Concen: 19.194 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

Tot Ion:	128	Resp:	141121
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.2	15.2
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/23/2020 10:56:23 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.068 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion:	180	Resp:	56604
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.3	141.8
145	32.4	16.8	50.3

