

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
 Data File : VY001775.D
 Acq On : 26 Feb 2020 11:24
 Operator : SY/MD
 Sample : VY0226SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/27/2020 10:45:42 AM

Quant Time: Feb 26 15:51:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	182423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	326529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	292569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	136987	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	102882	52.43	ug/l	0.00
Spiked Amount						
			Recovery	=	104.86%	
35) Dibromofluoromethane	7.74	113	94366	50.46	ug/l	-0.01
Spiked Amount						
			Recovery	=	100.92%	
50) Toluene-d8	10.19	98	398338	54.37	ug/l	0.00
Spiked Amount						
			Recovery	=	108.74%	
62) 4-Bromofluorobenzene	12.49	95	142793	50.17	ug/l	0.00
Spiked Amount						
			Recovery	=	100.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	30246	17.009	ug/l	99
3) Chloromethane	2.12	50	42889	17.932	ug/l	98
4) Vinyl Chloride	2.26	62	44199	18.322	ug/l	98
5) Bromomethane	2.66	94	29800	19.765	ug/l	96
6) Chloroethane	2.80	64	27830	18.721	ug/l	97
7) Trichlorofluoromethane	3.14	101	60385	19.558	ug/l	100
8) Diethyl Ether	3.55	74	24852	20.418	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	38934	20.062	ug/l	99
10) Methyl Iodide	4.11	142	41869	17.628	ug/l	99
11) Tert butyl alcohol	4.97	59	30469	120.963	ug/l #	92
12) 1,1-Dichloroethene	3.90	96	38885	19.646	ug/l	94
13) Acrolein	3.75	56	16320	82.352	ug/l	96
14) Allyl chloride	4.51	41	70056	19.887	ug/l	100
15) Acrylonitrile	5.19	53	63356	101.550	ug/l	98
16) Acetone	3.97	43	57129	84.143	ug/l	96
17) Carbon Disulfide	4.21	76	121278	18.353	ug/l	99
18) Methyl Acetate	4.51	43	32204	21.780	ug/l	96
19) Methyl tert-butyl Ether	5.25	73	108321	19.656	ug/l	99
20) Methylene Chloride	4.74	84	49930	20.704	ug/l	99
21) trans-1,2-Dichloroethene	5.25	96	44694	19.791	ug/l	99
22) Diisopropyl ether	6.14	45	144806	20.017	ug/l	98
23) Vinyl Acetate	6.09	43	453979	96.207	ug/l	98
24) 1,1-Dichloroethane	6.04	63	78257	20.240	ug/l	98
25) 2-Butanone	7.01	43	85360	92.548	ug/l	98
26) 2,2-Dichloropropane	7.00	77	65703	19.532	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	49024	19.667	ug/l	99
28) Bromochloromethane	7.36	49	31559	19.594	ug/l	97
29) Tetrahydrofuran	7.37	42	55345	99.278	ug/l	98
30) Chloroform	7.53	83	74538	19.730	ug/l	99
31) Cyclohexane	7.80	56	80306	19.480	ug/l #	88
32) 1,1,1-Trichloroethane	7.72	97	62656	19.733	ug/l	98
36) 1,1-Dichloropropene	7.94	75	60988	19.554	ug/l	99
37) Ethyl Acetate	7.10	43	36269	19.483	ug/l	99
38) Carbon Tetrachloride	7.92	117	53759	19.623	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	79420	19.194	ug/l	98
40) Benzene	8.18	78	180774	19.707	ug/l	99
41) Methacrylonitrile	7.35	41	24052m	25.732	ug/l	
42) 1,2-Dichloroethane	8.25	62	47362	18.952	ug/l	99
43) Isopropyl Acetate	8.29	43	67878	19.218	ug/l	99
44) Trichloroethene	8.96	130	44471	19.421	ug/l	95
45) 1,2-Dichloropropane	9.23	63	46729	20.341	ug/l	93
46) Dibromomethane	9.32	93	23315	19.404	ug/l	99
47) Bromodichloromethane	9.51	83	57121	19.697	ug/l	98
48) Methyl methacrylate	9.30	41	31123	19.483	ug/l	98
49) 1,4-Dioxane	9.31	88	6799	400.622	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	177442	97.778	ug/l	99
52) Toluene	10.25	92	112046	19.582	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	61627	19.223	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	71876	19.479	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	35539	20.058	ug/l	95
56) Ethyl methacrylate	10.52	69	50749	19.093	ug/l	97
57) 1,3-Dichloropropane	10.80	76	63149	20.059	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	127394	117.295	ug/l	99
59) 2-Hexanone	10.84	43	126138	92.637	ug/l	100
60) Dibromochloromethane	10.99	129	37559	19.228	ug/l	100
61) 1,2-Dibromoethane	11.10	107	33722	20.129	ug/l	99
64) Tetrachloroethene	10.73	164	36598	19.927	ug/l	96
65) Chlorobenzene	11.52	112	113973	19.512	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	38569	19.574	ug/l	98
67) Ethyl Benzene	11.60	91	216154	19.941	ug/l	99
68) m/p-Xylenes	11.70	106	160427	39.620	ug/l	98
69) o-Xylene	12.03	106	74971	19.476	ug/l	99
70) Styrene	12.05	104	130417	19.494	ug/l	99
71) Bromoform	12.21	173	21349	18.959	ug/l #	96
73) Isopropylbenzene	12.33	105	205498	19.691	ug/l	98
74) N-amyl acetate	12.15	43	63395	19.034	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	44619	20.024	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	32030m	20.383	ug/l	
77) Bromobenzene	12.61	156	44404	19.628	ug/l	95
78) n-propylbenzene	12.67	91	253140	19.917	ug/l	100
79) 2-Chlorotoluene	12.76	91	140181	19.665	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	171549	19.858	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	15762	19.029	ug/l	96
82) 4-Chlorotoluene	12.86	91	149454	19.878	ug/l	99
83) tert-Butylbenzene	13.08	119	143719	19.892	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	168509	19.566	ug/l	100
85) sec-Butylbenzene	13.26	105	212409	19.989	ug/l	100
86) p-Isopropyltoluene	13.38	119	185362	20.080	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	87693	19.987	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	87443	19.716	ug/l	99
89) n-Butylbenzene	13.70	91	189770	20.118	ug/l	99
90) Hexachloroethane	13.97	117	33567	19.299	ug/l	96
91) 1,2-Dichlorobenzene	13.75	146	79387	19.606	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7185	19.538	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	51818	19.312	ug/l	98
94) Hexachlorobutadiene	15.12	225	25844	19.367	ug/l	99
95) Naphthalene	15.24	128	118783	19.200	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	46584	19.734	ug/l	97

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

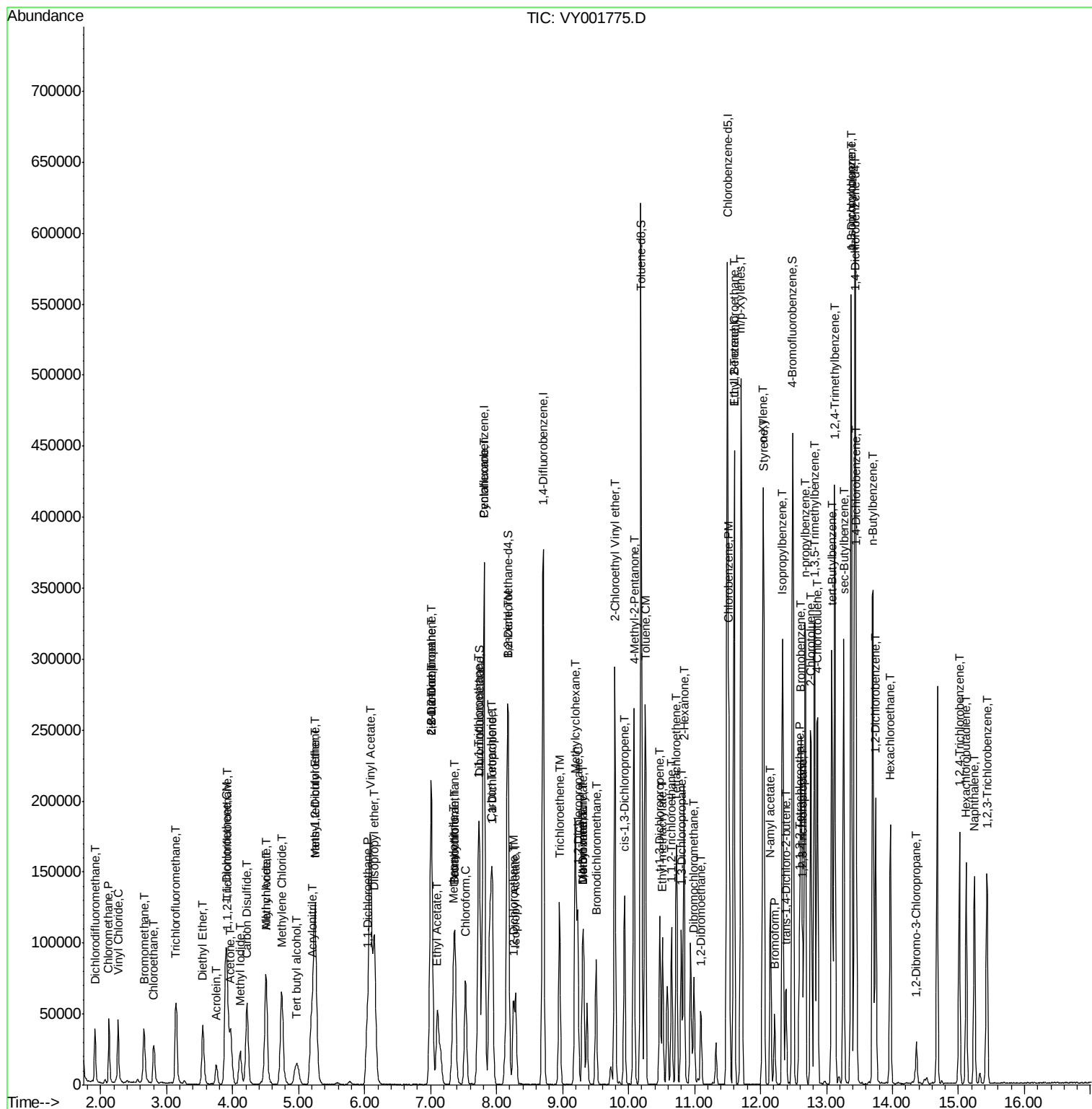
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
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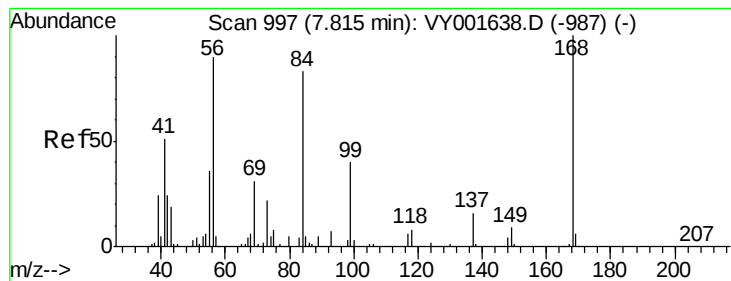
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

Tot Ion:168 Resp: 182423

Ion Ratio Lower Upper

168 100

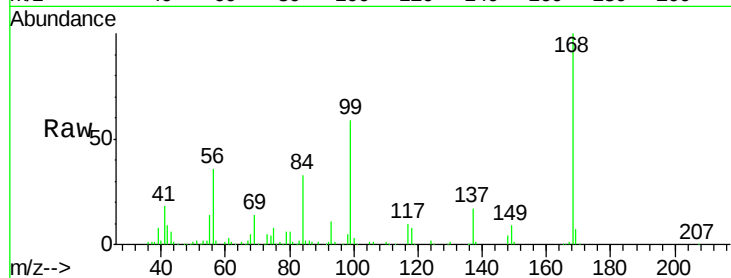
99 58.6 47.5 71.3

Manual Integrations

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2/27/2020 10:45:42 AM



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.81

80000

60000

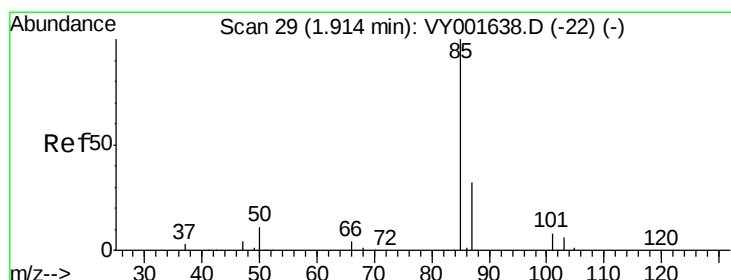
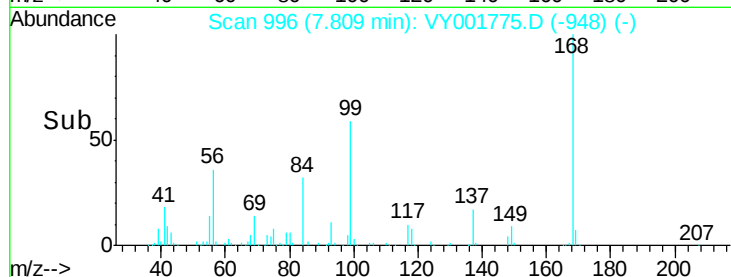
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.009 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001775.D

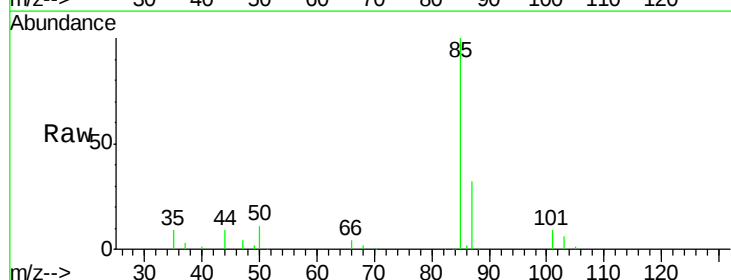
Acq: 26 Feb 2020 11:24

Tgt Ion: 85 Resp: 30246

Ion Ratio Lower Upper

85 100

87 32.1 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

20000

15000

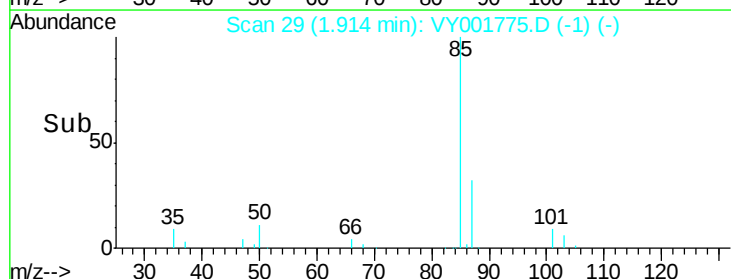
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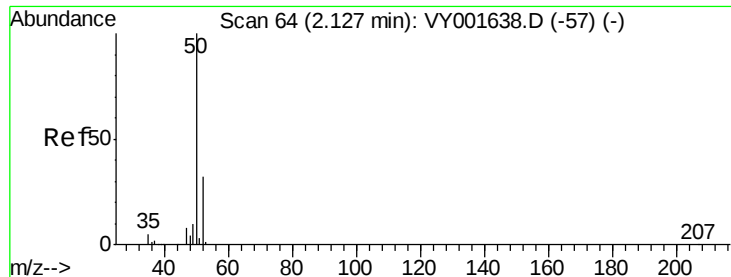
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 17.932 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

Tot Ion: 50 Resp: 42889

Ion Ratio Lower Upper

50 100

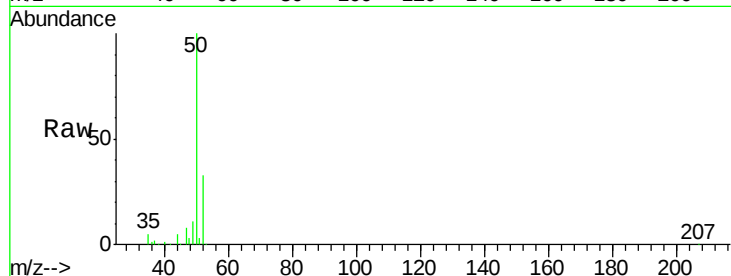
52 33.3 25.8 38.6

Manual Integrations

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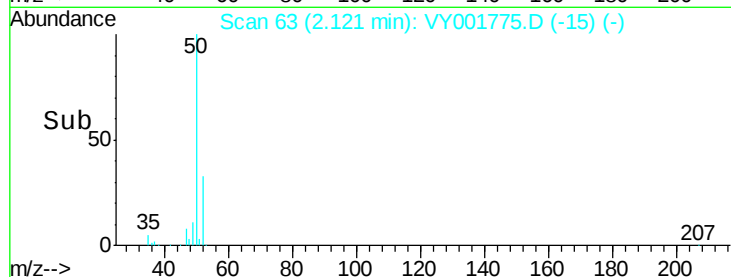


Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

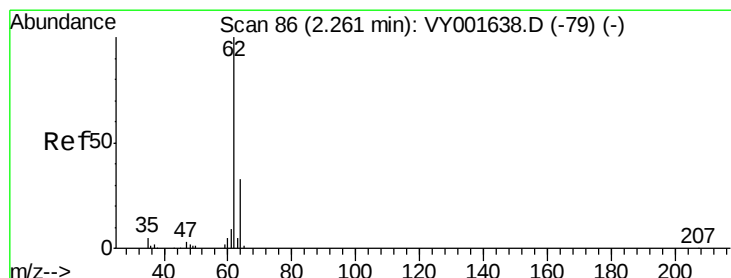
2.12

Time-->



2.12

Time-->



#4

Vinyl Chloride

Concen: 18.322 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001775.D

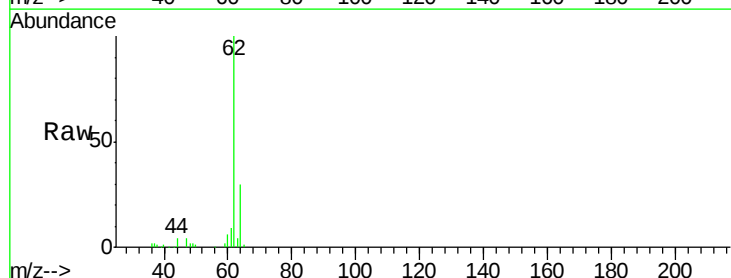
Acq: 26 Feb 2020 11:24

Tgt Ion: 62 Resp: 44199

Ion Ratio Lower Upper

62 100

64 30.0 24.9 37.3

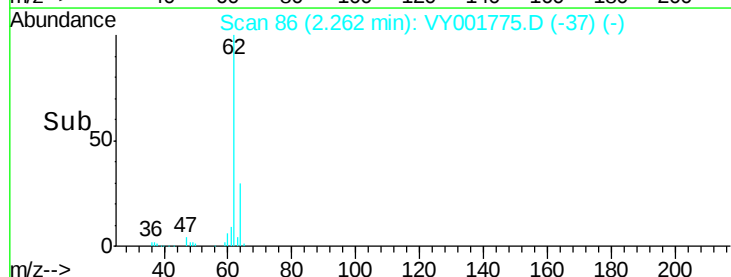


Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

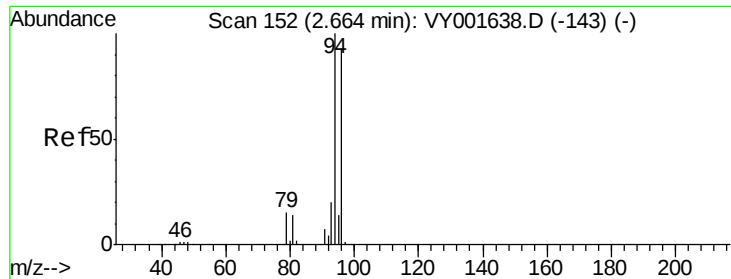
2.26

Time-->



2.26

Time-->



#5

Bromomethane

Concen: 19.765 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

Tot Ion: 94 Resp: 29800

Ion Ratio Lower Upper

94 100

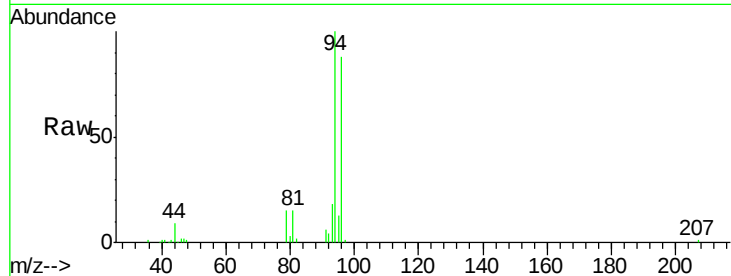
96 88.3 73.7 110.5

Manual Integrations

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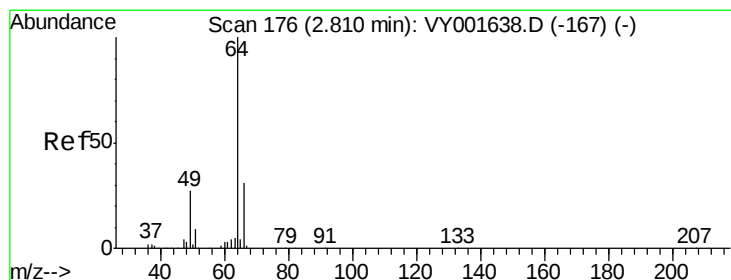
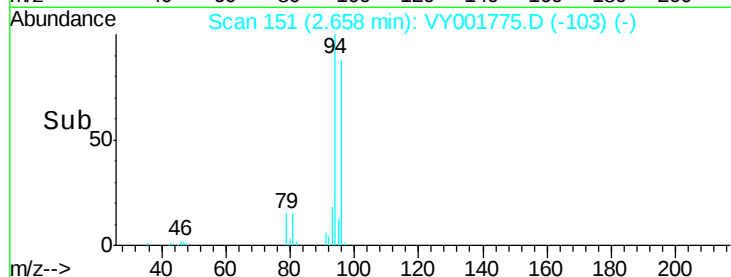
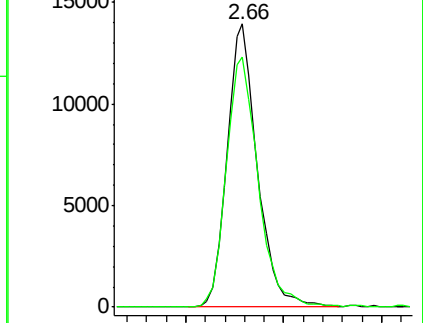
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 18.721 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001775.D

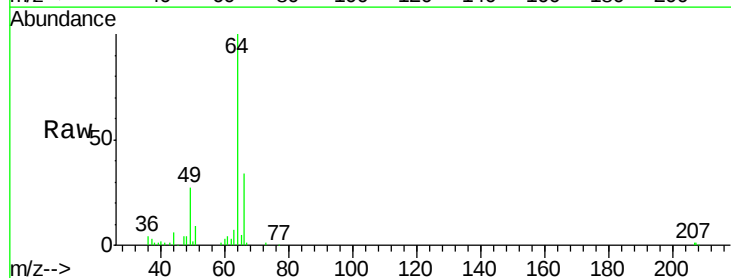
Acq: 26 Feb 2020 11:24

Tgt Ion: 64 Resp: 27830

Ion Ratio Lower Upper

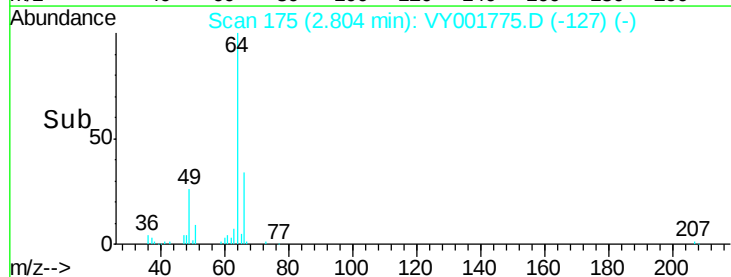
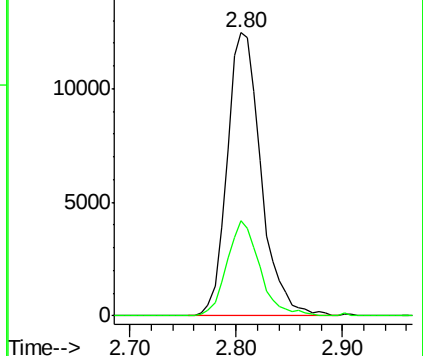
64 100

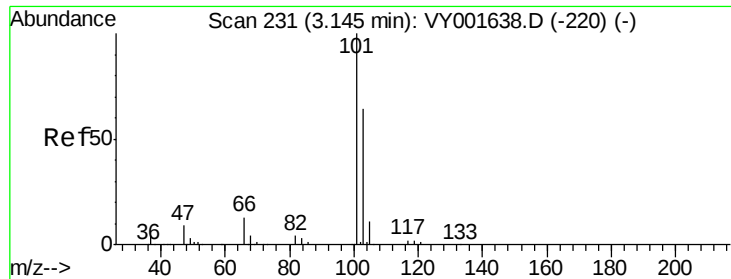
66 33.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

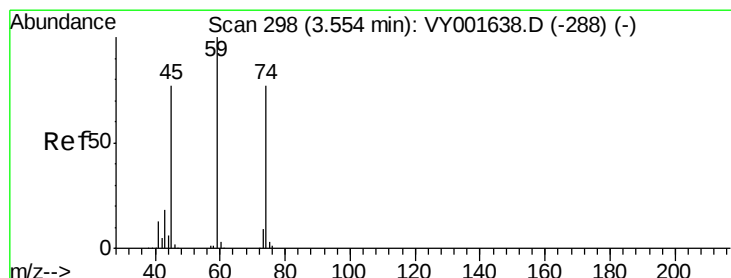
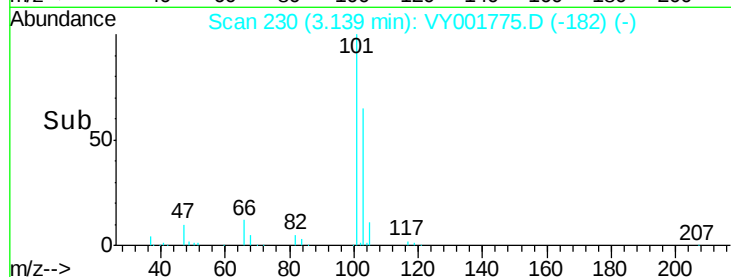
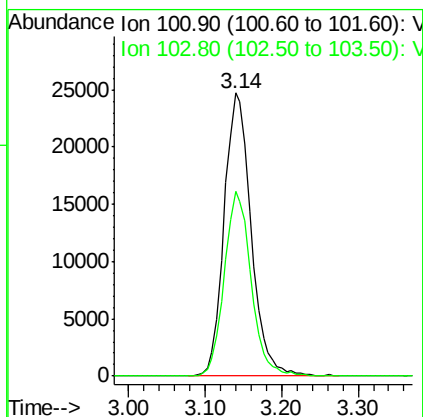
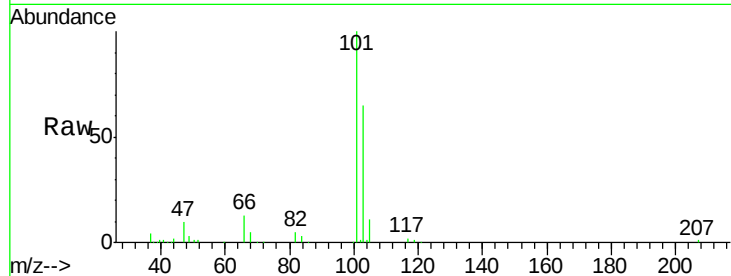
Trichlorofluoromethane
Concen: 19.558 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.2	78.2

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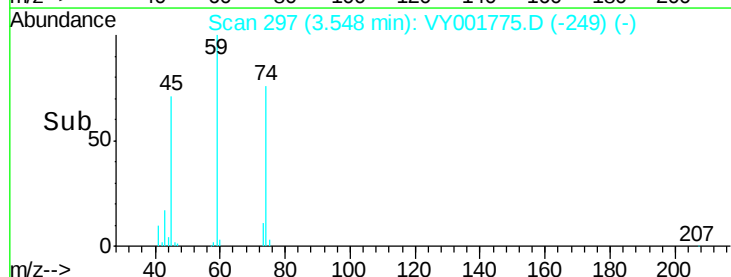
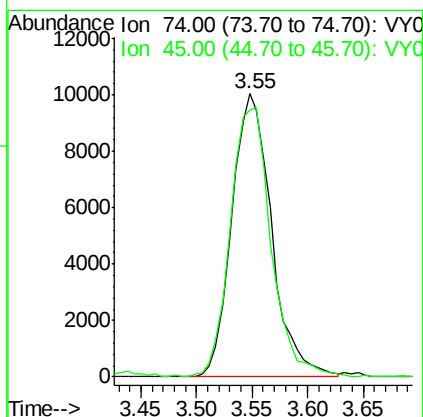
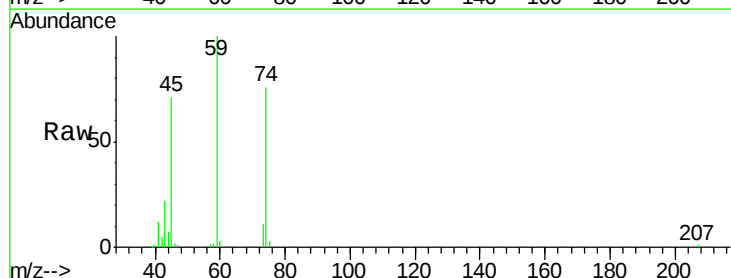
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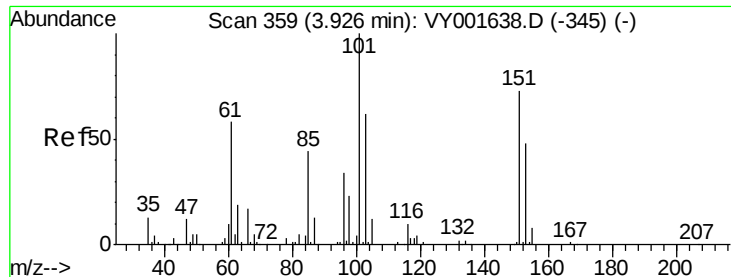


#8

Diethyl Ether
Concen: 20.418 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	49.6	148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.062 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

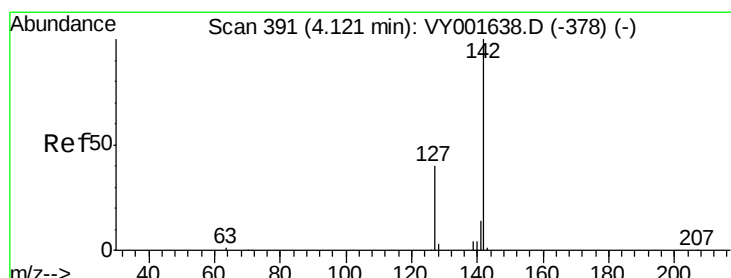
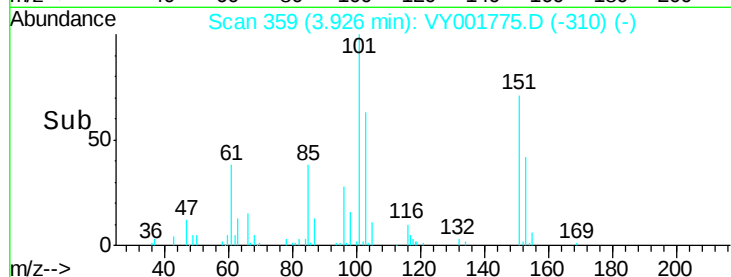
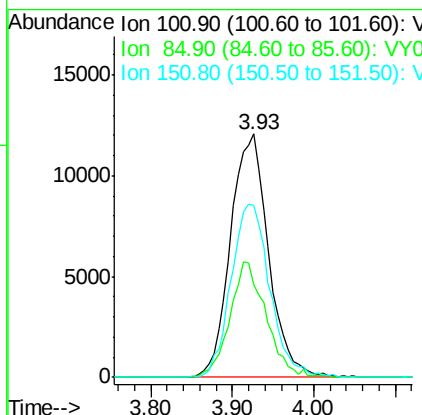
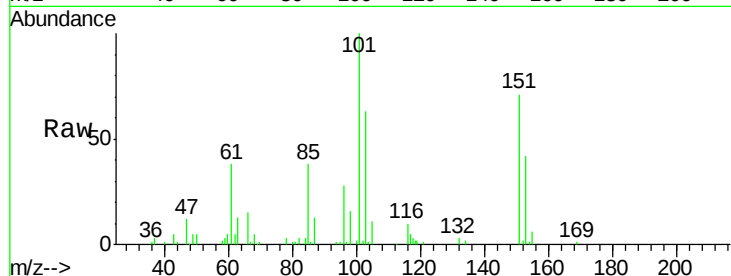
ClientSampleId :

VY0226SBS01

Tot Ion:	101	Resp:	38934
Ion Ratio	Lower	Upper	
101	100		
85	45.2	35.1	52.7
151	72.8	58.4	87.6

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2/27/2020 10:45:42 AM



#10

Methyl Iodide

Concen: 17.628 ug/l

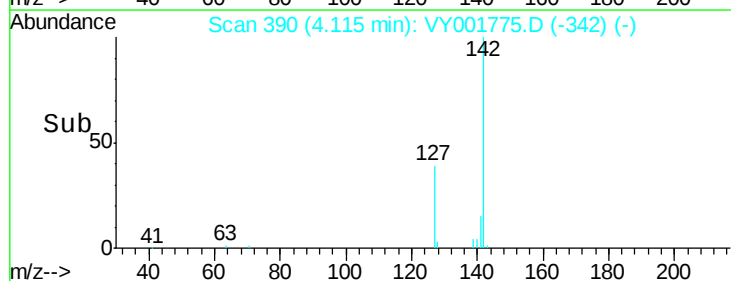
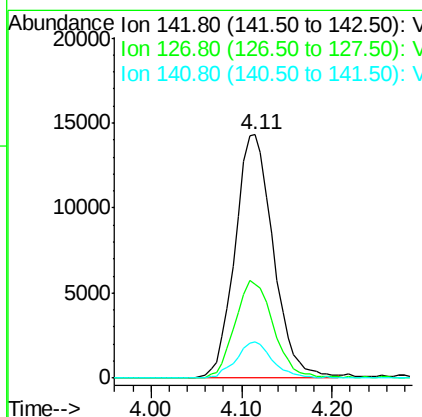
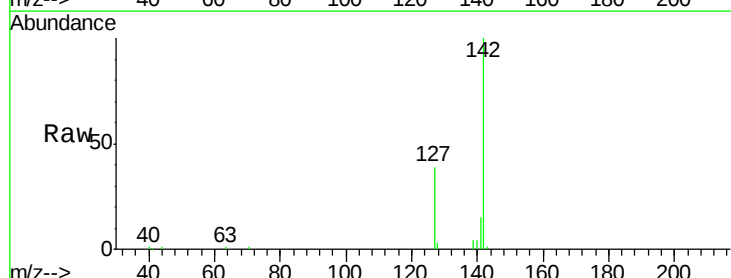
RT: 4.11 min Scan# 390

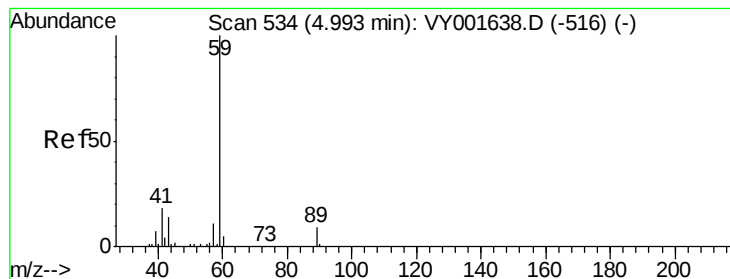
Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Tgt Ion:	142	Resp:	41869
Ion Ratio	Lower	Upper	
142	100		
127	40.6	32.1	48.1
141	14.3	11.3	16.9





#11

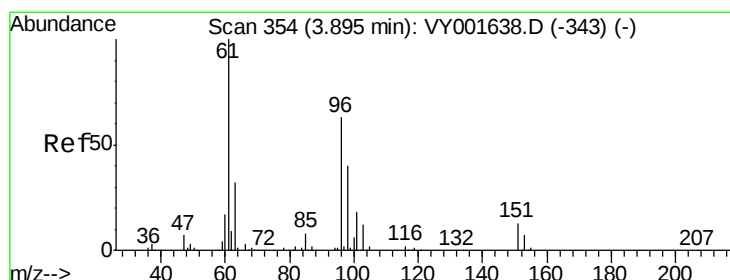
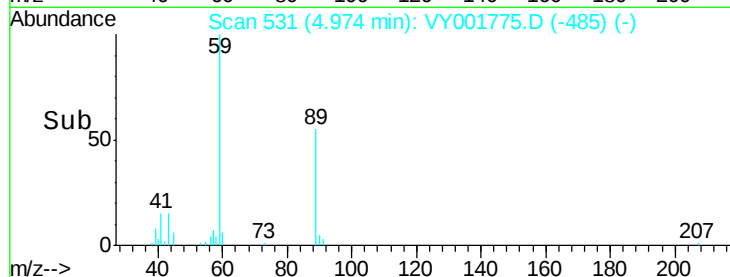
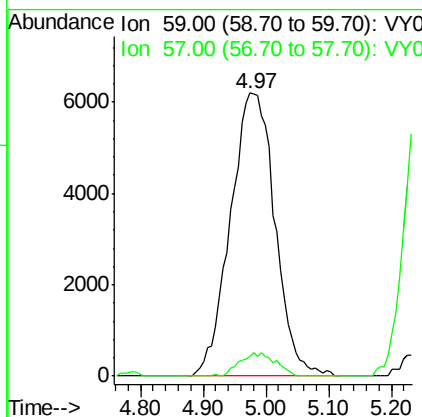
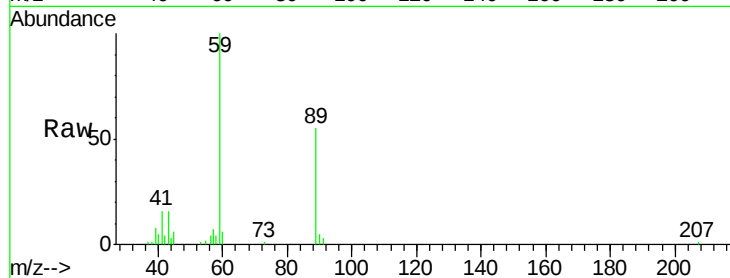
Tert butyl alcohol
 Concen: 120.963 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Tot Ion	59	Resp	30469
Ion Ratio	100	Lower	Upper
57	6.5	7.4	11.2#

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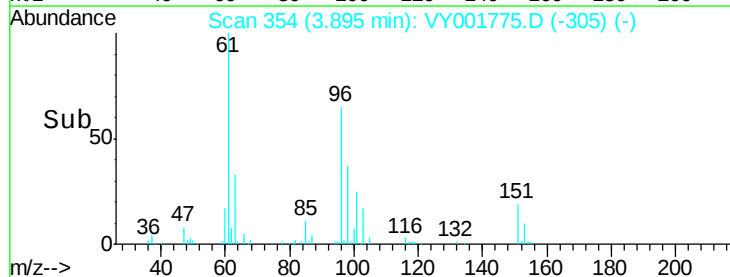
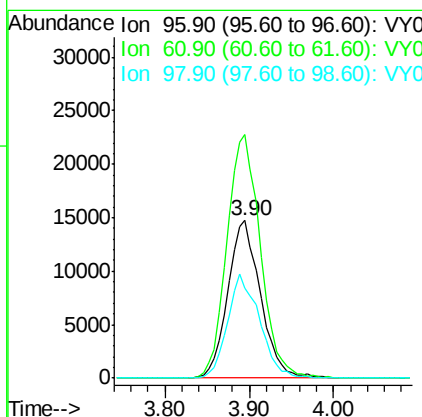
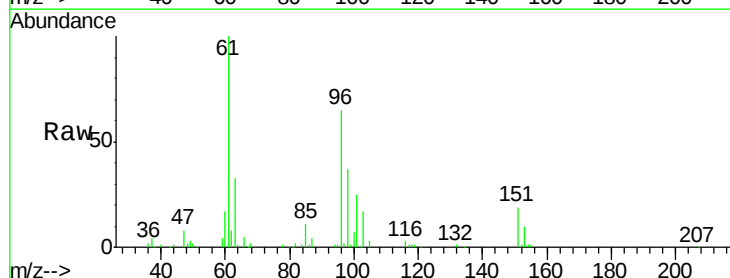
MMDadoda
 2/27/2020 10:45:42 AM

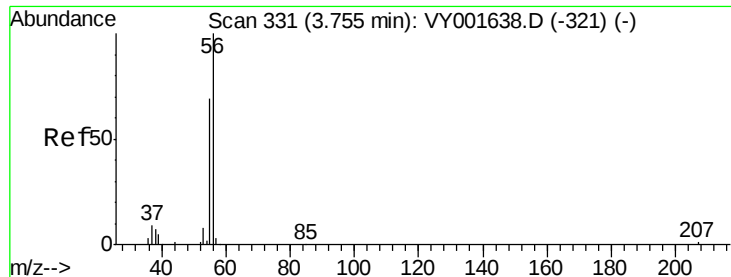


#12

1,1-Dichloroethene
 Concen: 19.646 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Tgt Ion	96	Resp	38885
Ion Ratio	100	Lower	Upper
61	154.4	128.7	193.1
98	56.7	50.7	76.1





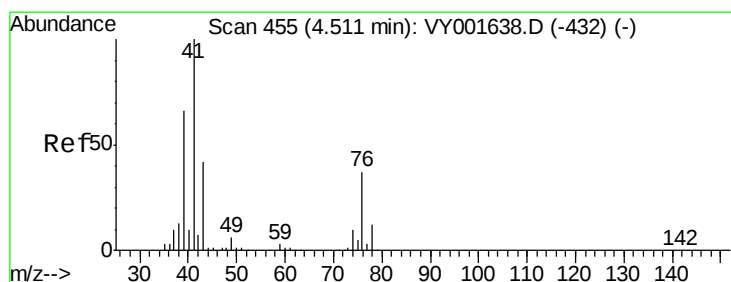
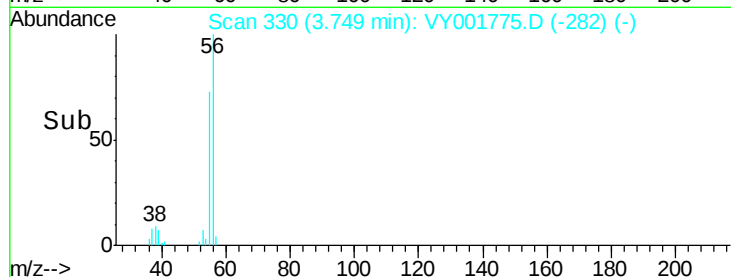
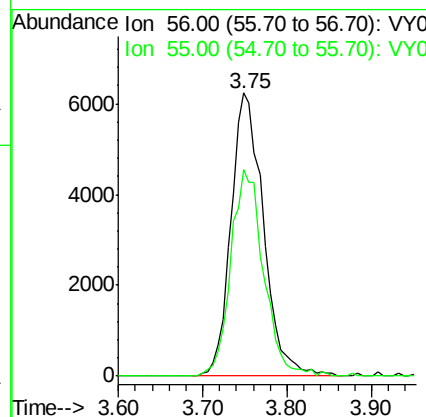
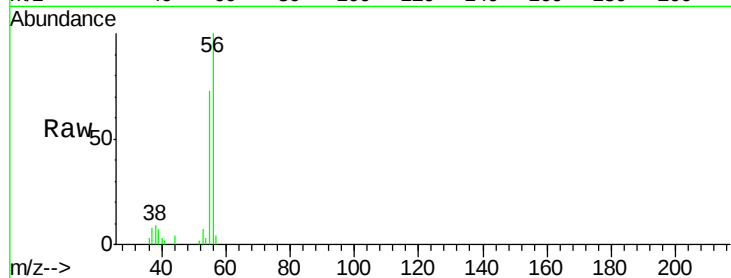
#13
 Acrolein
 Concen: 82.352 ug/l
 RT: 3.75 min Scan# 330
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	73.2	56.1	84.1

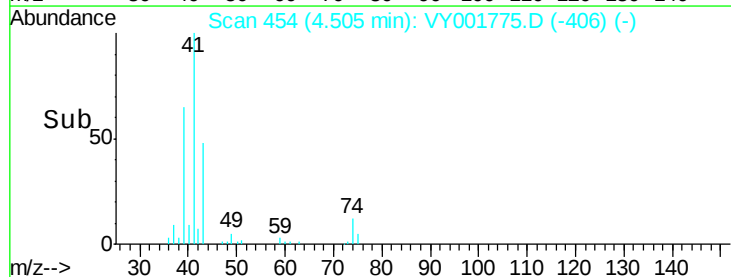
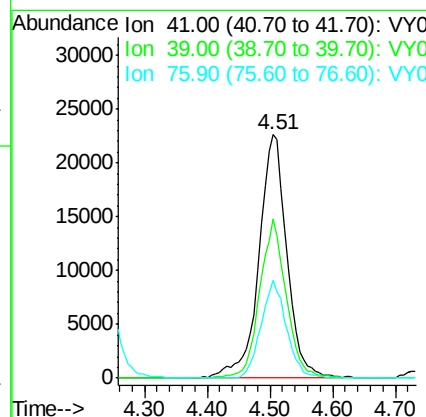
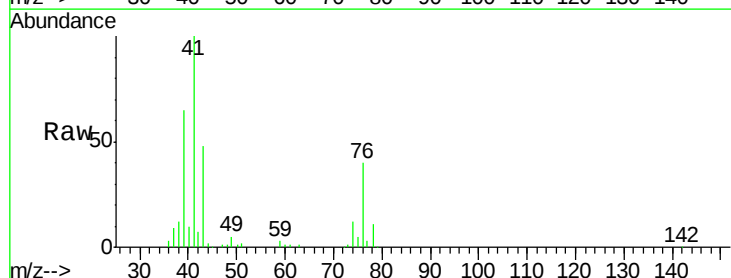
Manual Integrations
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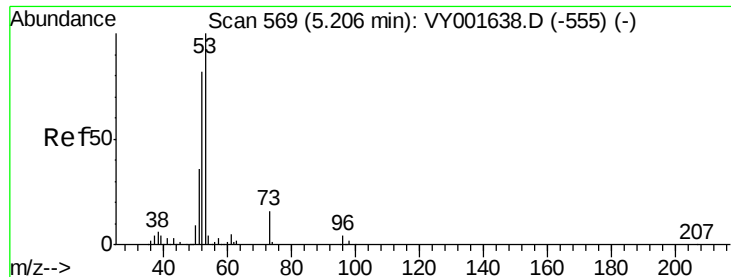
MMDadoda
 2/27/2020 10:45:42 AM



#14
 Allyl chloride
 Concen: 19.887 ug/l
 RT: 4.51 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.7	49.4	74.0
76	36.2	29.0	43.6





#15

Acrylonitrile

Concen: 101.550 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

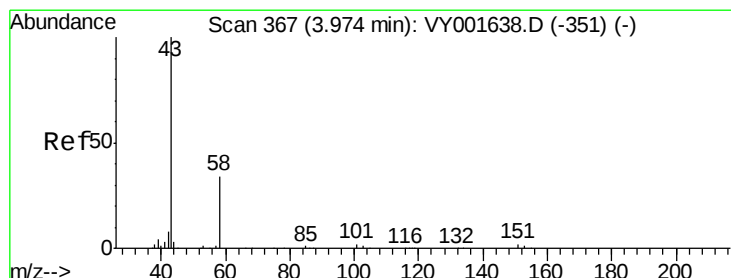
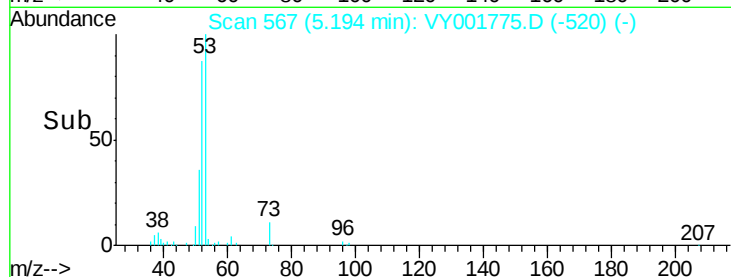
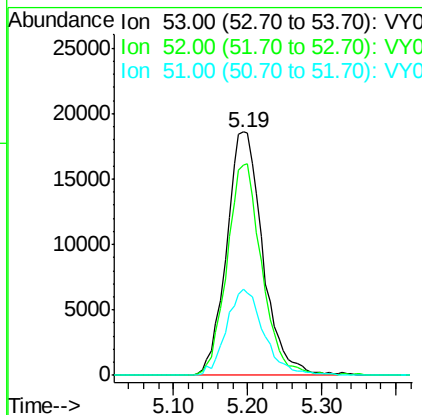
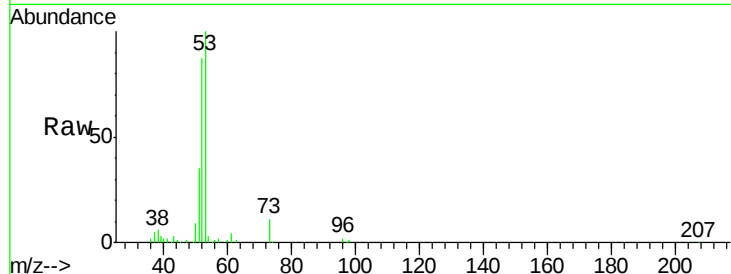
ClientSampleId :

VY0226SBS01

Tot Ion:	53	Resp:	63356
Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.4	98.0
51	36.5	28.0	42.0

Manual Integrations
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MMDadoda
2/27/2020 10:45:42 AM



#16

Acetone

Concen: 84.143 ug/l

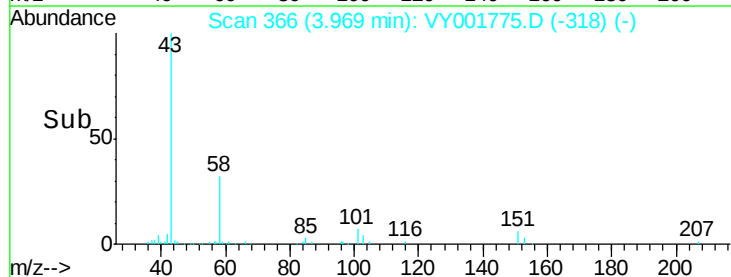
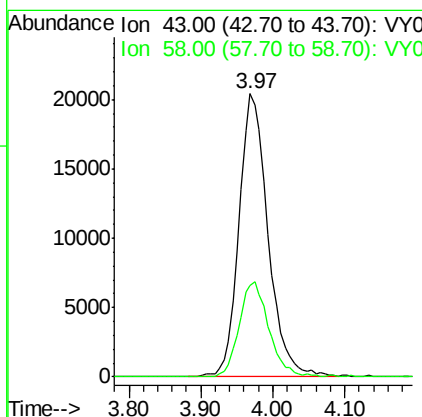
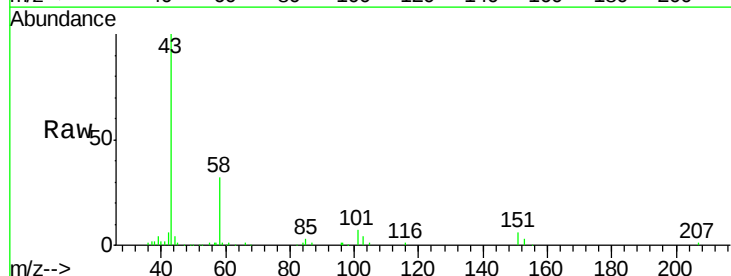
RT: 3.97 min Scan# 366

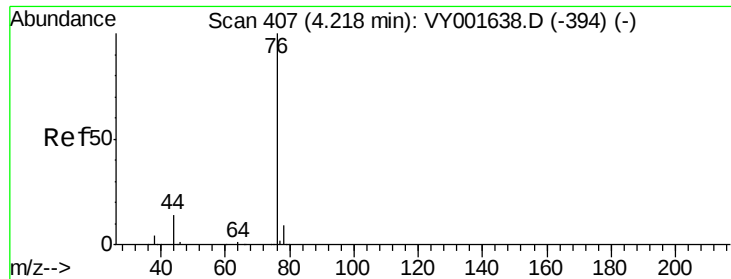
Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Tgt Ion:	43	Resp:	57129
Ion	Ratio	Lower	Upper
43	100		
58	32.1	27.3	40.9





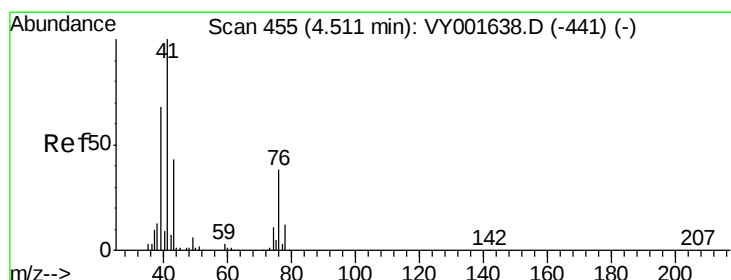
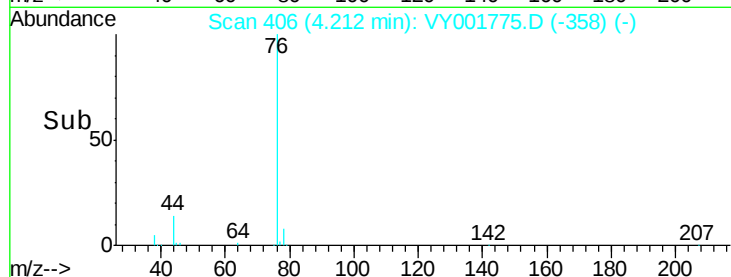
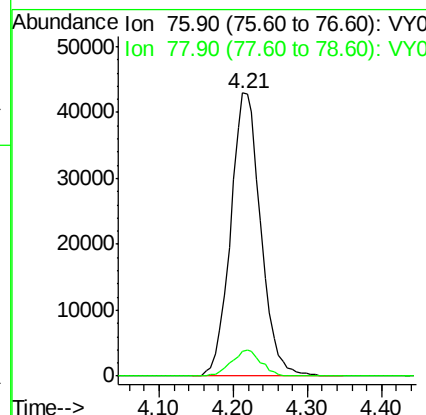
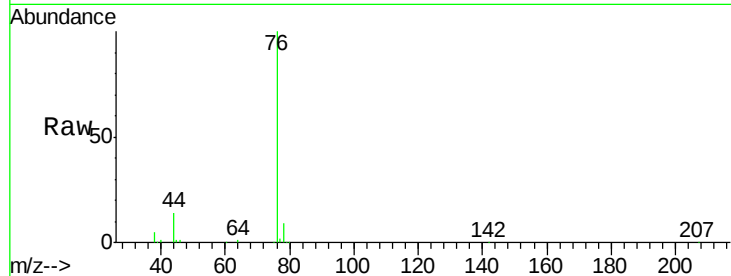
#17
Carbon Disulfide
Concen: 18.353 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9

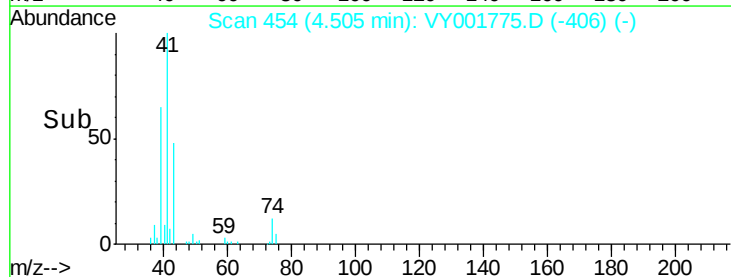
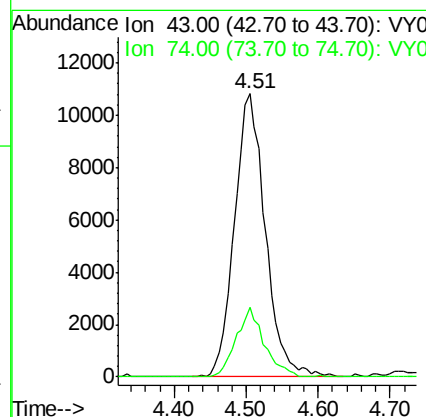
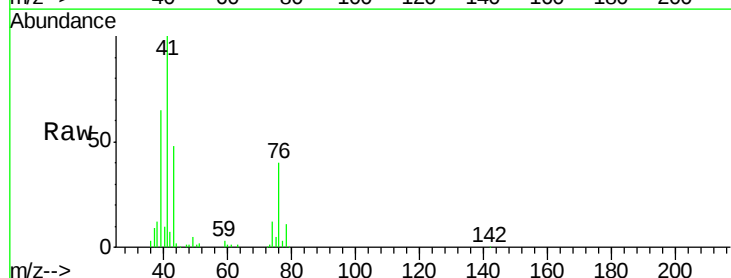
Manual Integrations
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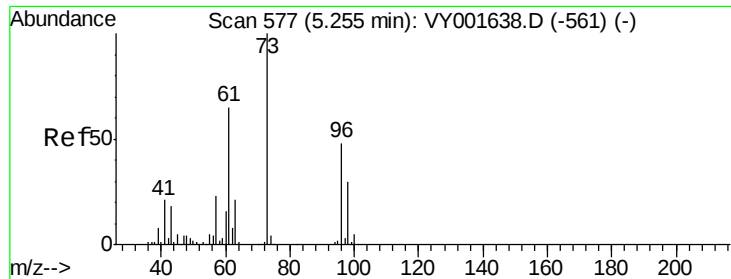
MMDadoda
2/27/2020 10:45:42 AM



#18
Methyl Acetate
Concen: 21.780 ug/l
RT: 4.51 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	19.1	28.7





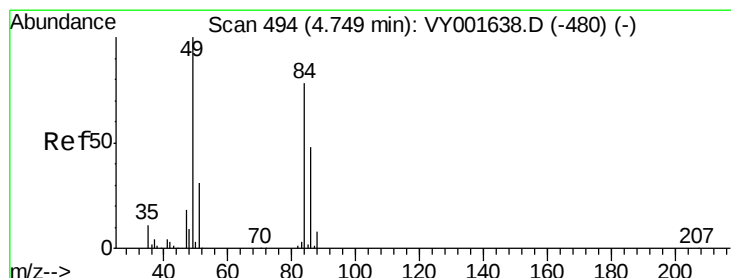
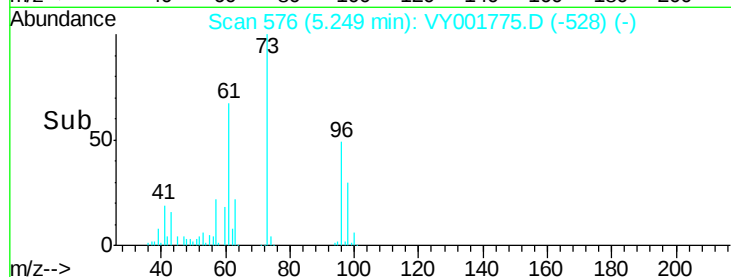
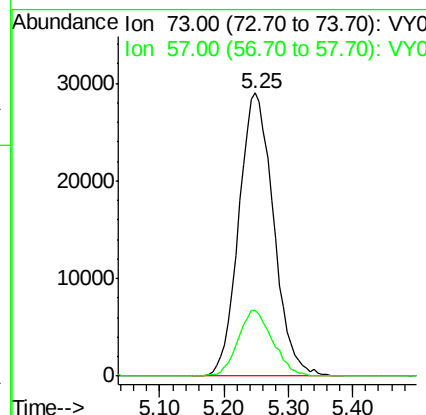
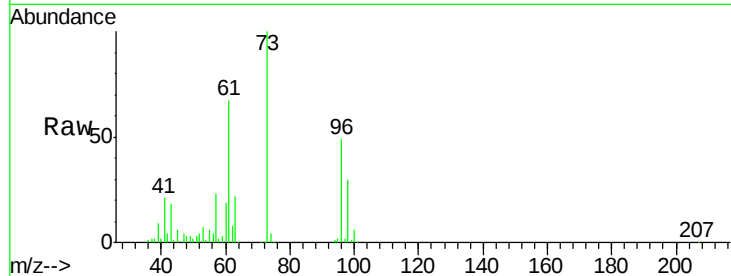
#19
Methvl tert-butvl Ether
Concen: 19.656 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion: 73 Resp: 108321
Ion Ratio Lower Upper
73 100
57 23.2 19.0 28.6

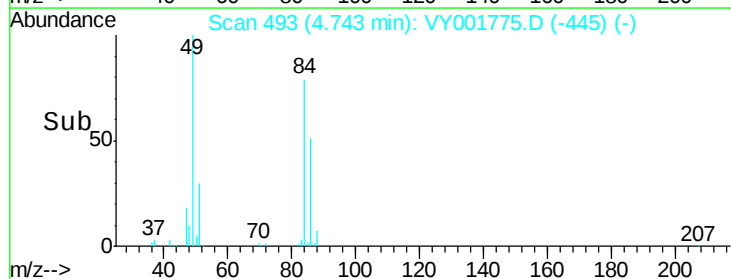
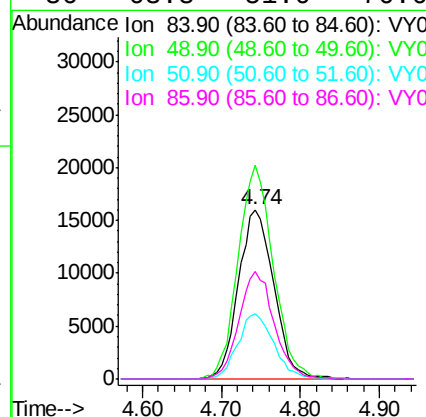
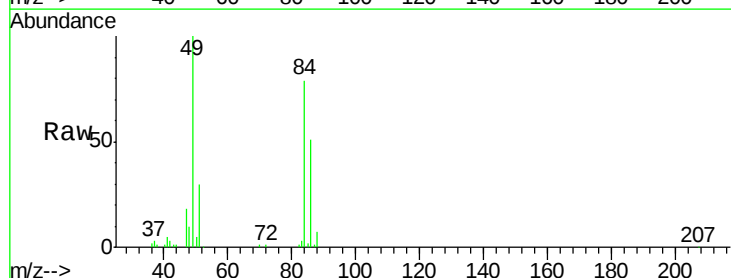
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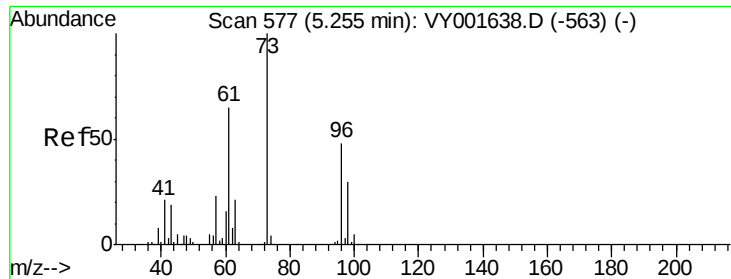
MMDadoda
2/27/2020 10:45:42 AM



#20
Methylene Chloride
Concen: 20.704 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion: 84 Resp: 49930
Ion Ratio Lower Upper
84 100
49 126.1 99.2 148.8
51 38.4 31.5 47.3
86 63.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.791 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

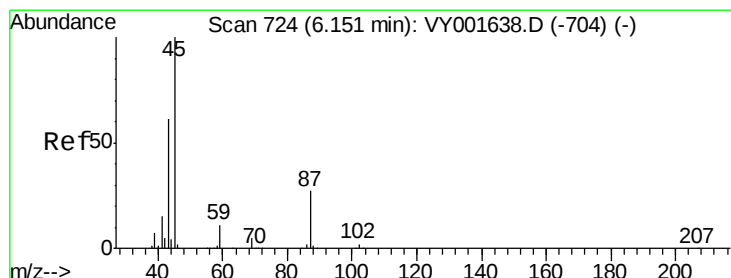
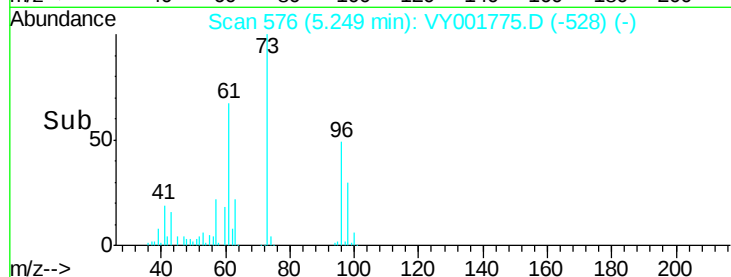
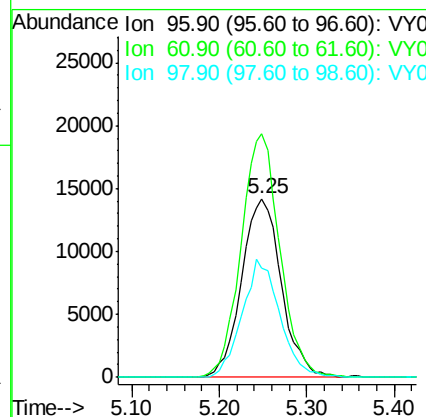
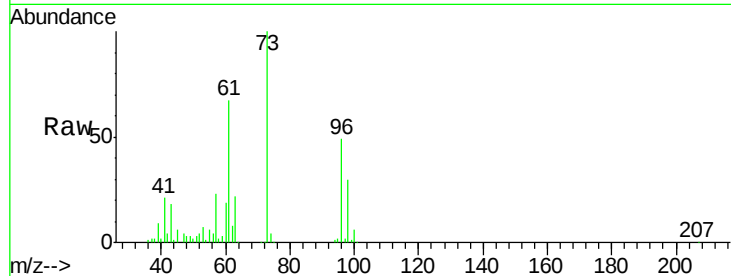
ClientSampleId :

VY0226SBS01

Tot Ion:	96	Resp:	44694
Ion	Ratio	Lower	Upper
96	100		
61	136.1	107.9	161.9
98	61.2	49.8	74.8

Manual Integrations
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2/27/2020 10:45:42 AM



#22

Diisopropyl ether

Concen: 20.017 ug/l

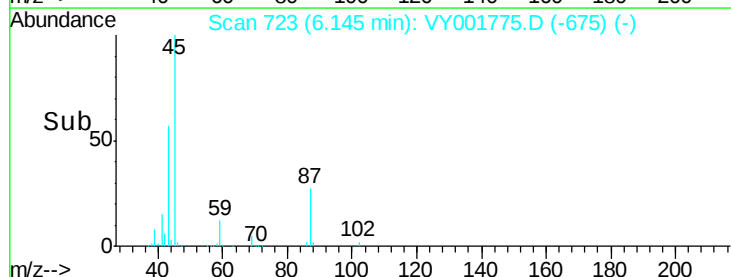
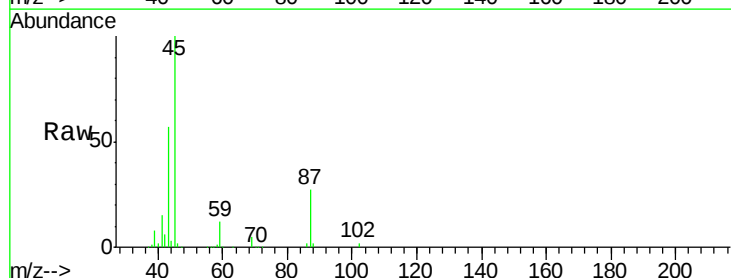
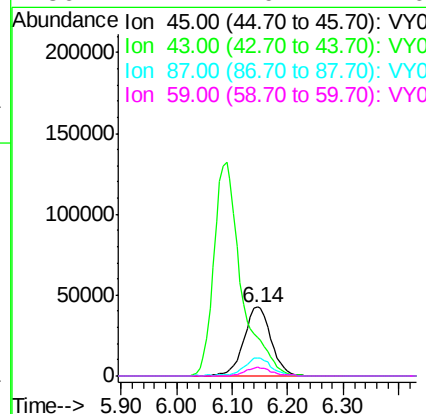
RT: 6.14 min Scan# 723

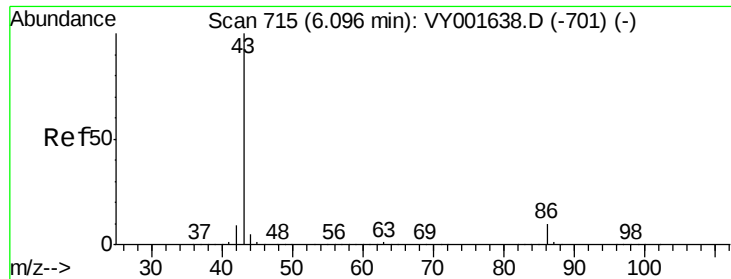
Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Tgt Ion:	45	Resp:	144806
Ion	Ratio	Lower	Upper
45	100		
43	56.4	46.4	69.6
87	26.9	22.1	33.1
59	12.2	9.4	14.0





#23

Vinyl Acetate

Concen: 96.207 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

Tot Ion: 43 Resp: 453979

Ion Ratio Lower Upper

43 100

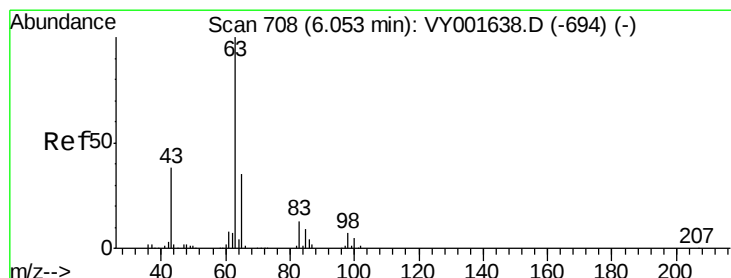
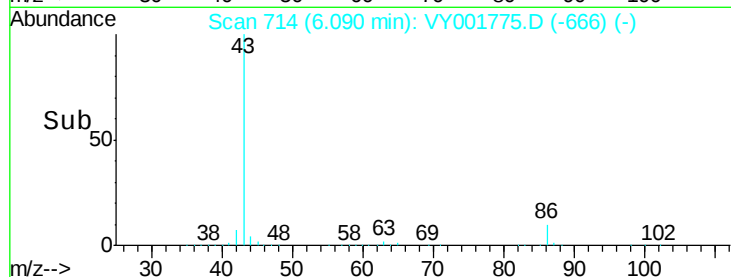
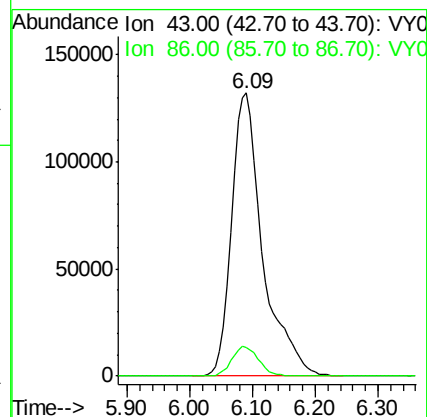
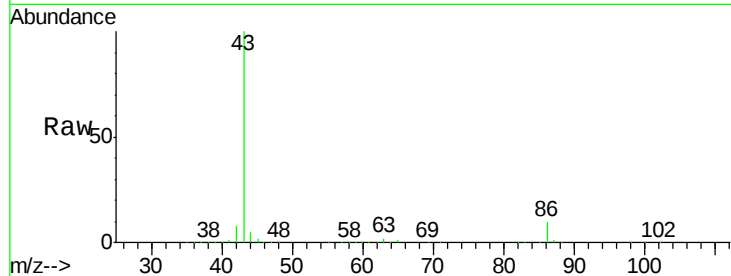
86 10.2 8.8 13.2

Manual Integrations

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MMDadoda

2/27/2020 10:45:42 AM



#24

1,1-Dichloroethane

Concen: 20.240 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

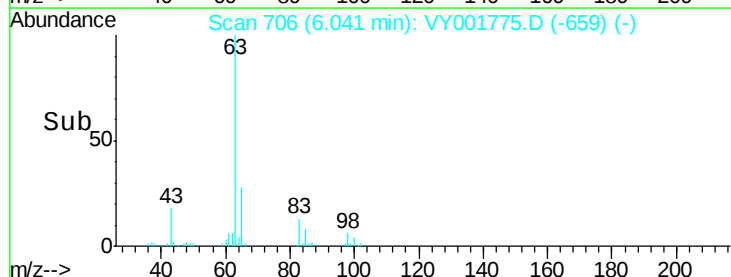
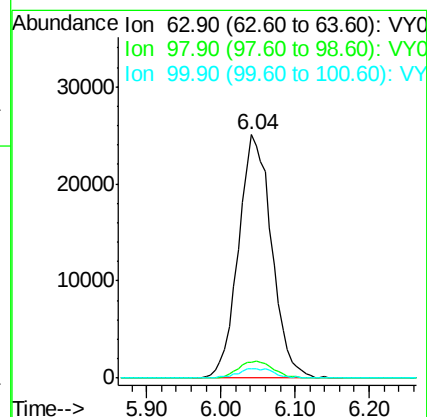
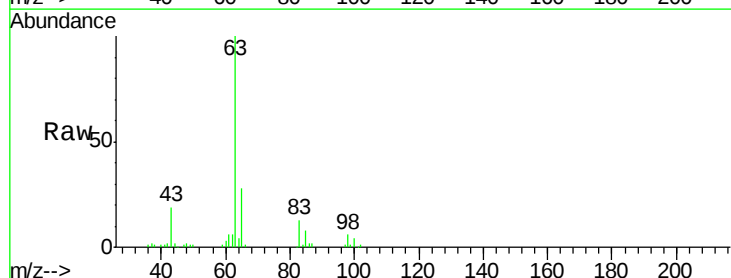
Tgt Ion: 63 Resp: 78257

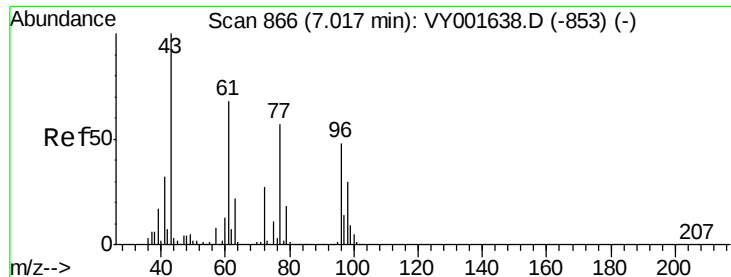
Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.2

100 4.0 2.3 6.9





#25

2-Butanone

Concen: 92.548 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

Tot Ion: 43 Resp: 85360

Ion Ratio Lower Upper

43 100

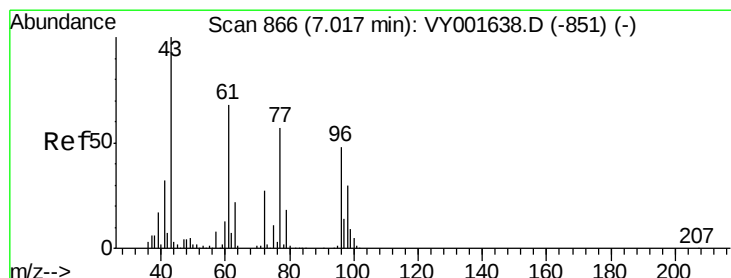
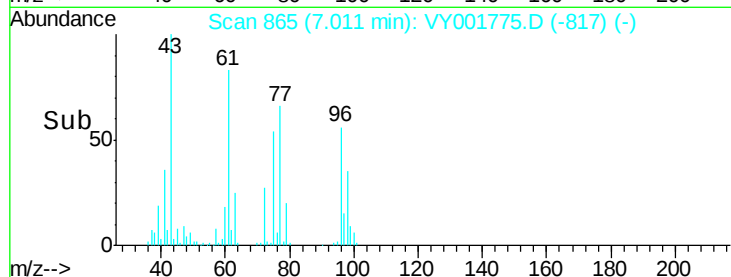
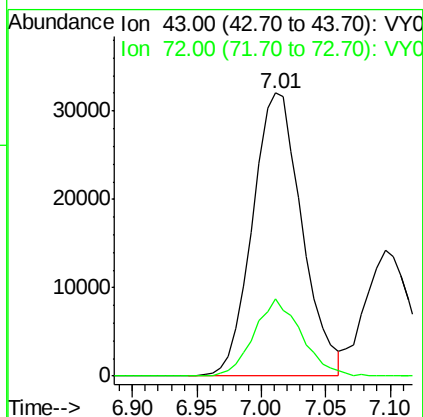
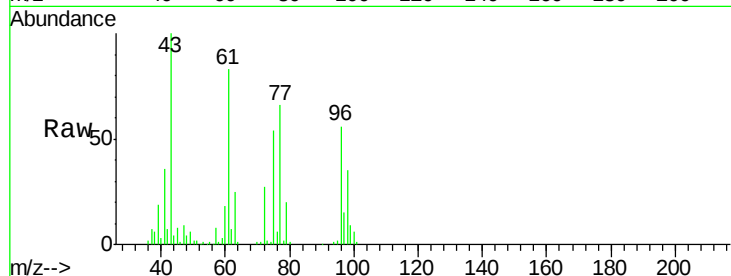
72 27.3 21.2 31.8

Manual Integrations

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2/27/2020 10:45:42 AM



#26

2,2-Dichloropropane

Concen: 19.532 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001775.D

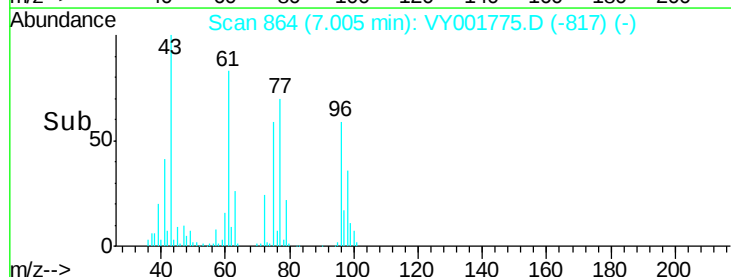
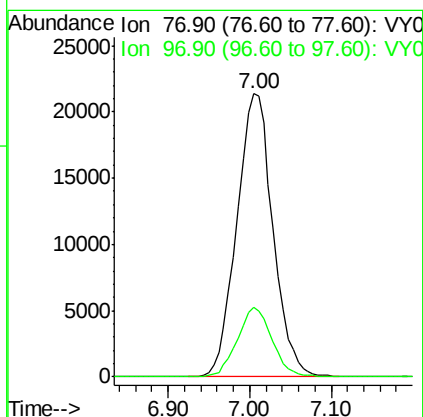
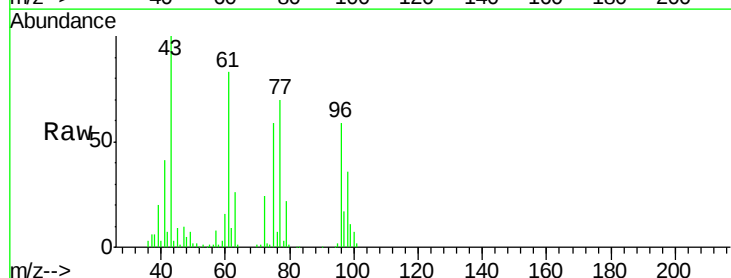
Acq: 26 Feb 2020 11:24

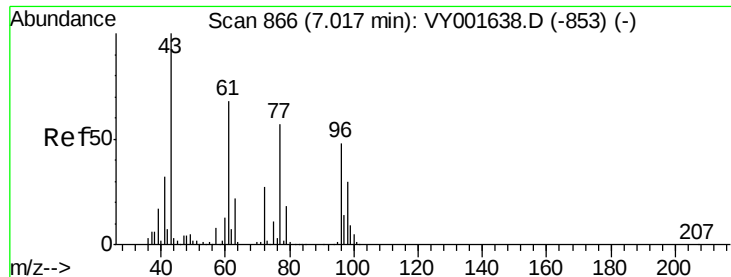
Tgt Ion: 77 Resp: 65703

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.4





#27

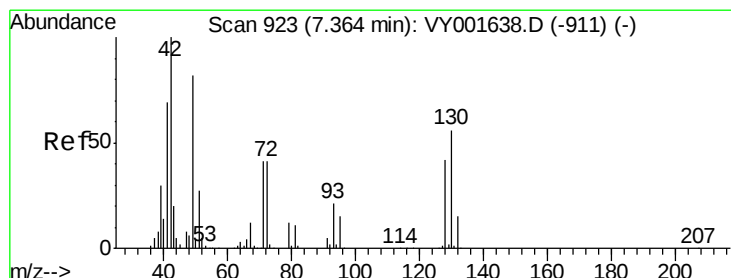
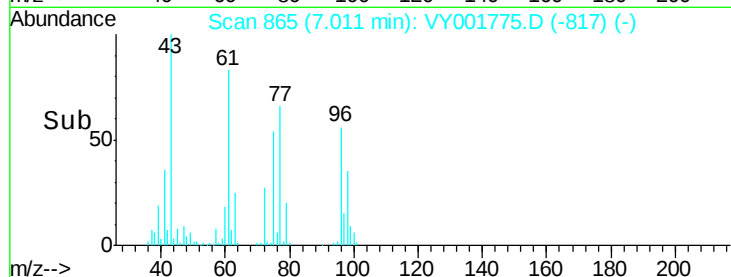
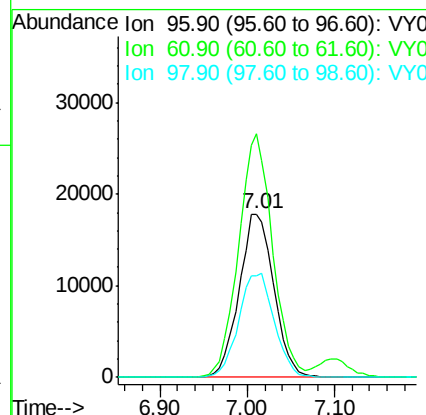
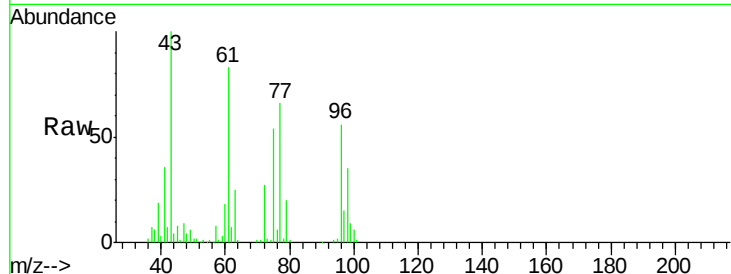
cis-1,2-Dichloroethene
 Concen: 19.667 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	49024		
61	146.1	0.0	290.8	
98	65.5	0.0	128.6	

Manual Integrations
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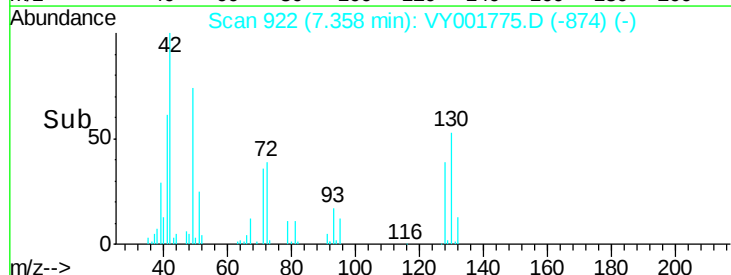
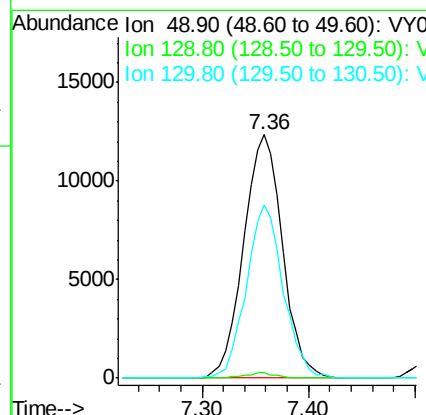
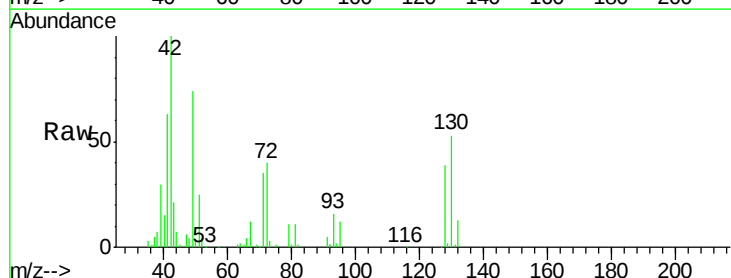
MMDadoda
 2/27/2020 10:45:42 AM

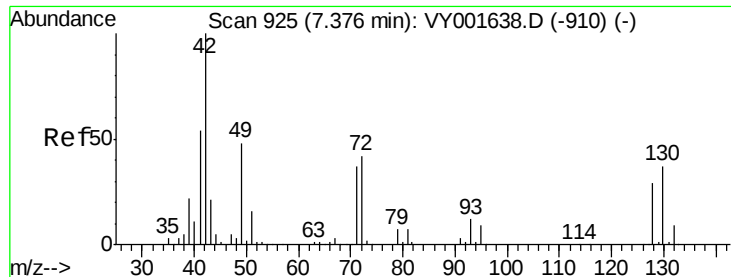


#28

Bromochloromethane
 Concen: 19.594 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	31559		
129	1.6	0.0	3.6	
130	67.6	56.2	84.4	





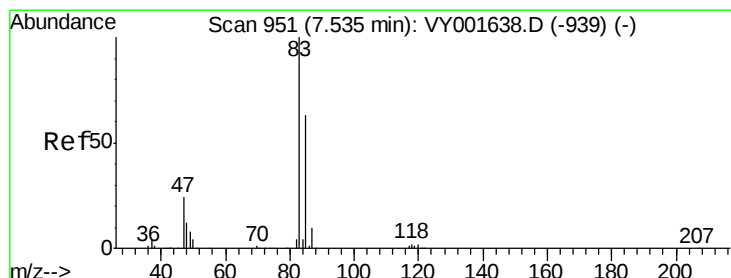
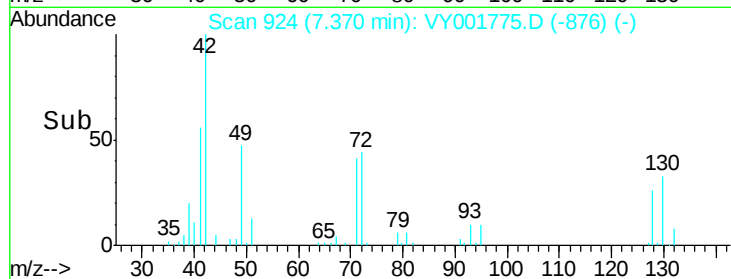
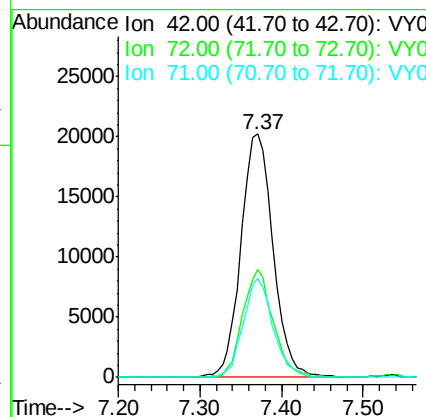
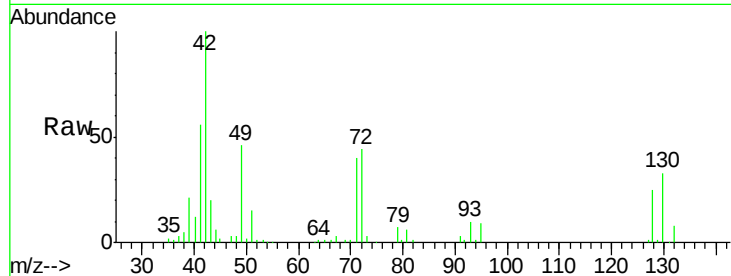
#29
Tetrahydrofuran
Concen: 99.278 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	34.4	51.6
71	37.9	31.8	47.8

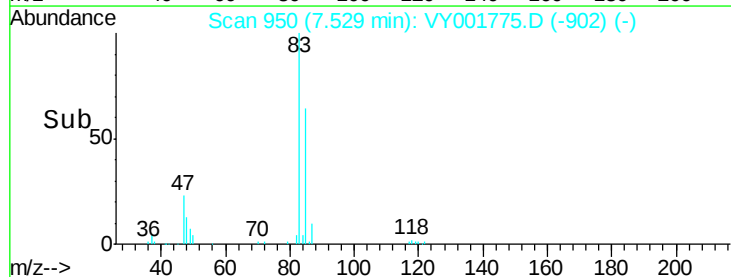
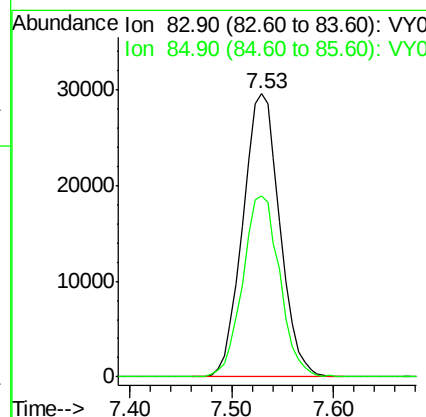
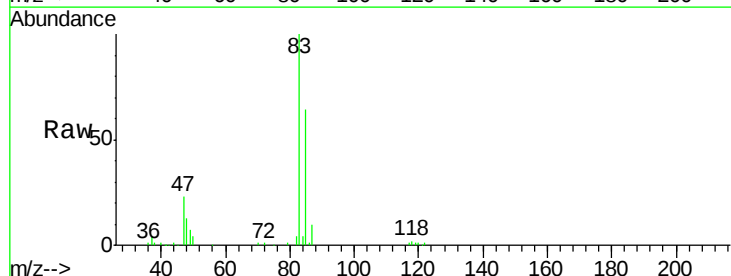
Manual Integrations
APPROVED

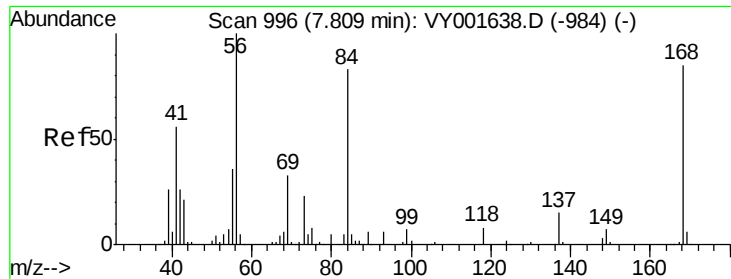
MMDadoda
2/27/2020 10:45:42 AM



#30
Chloroform
Concen: 19.730 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.6	77.4





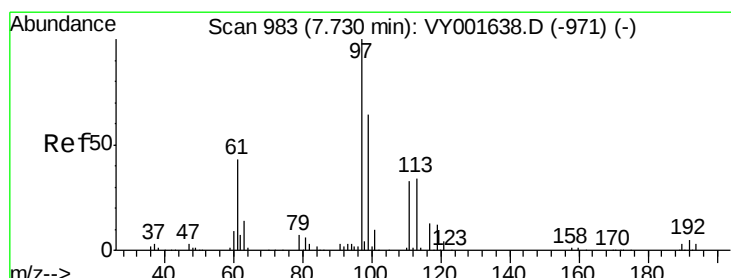
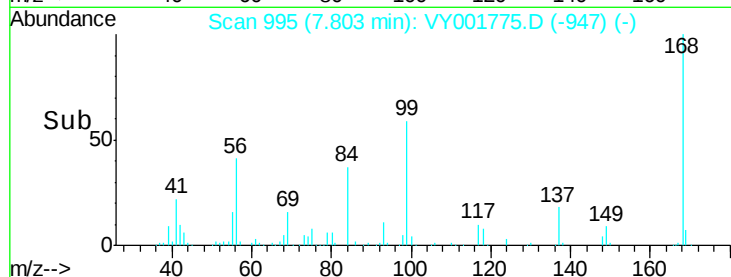
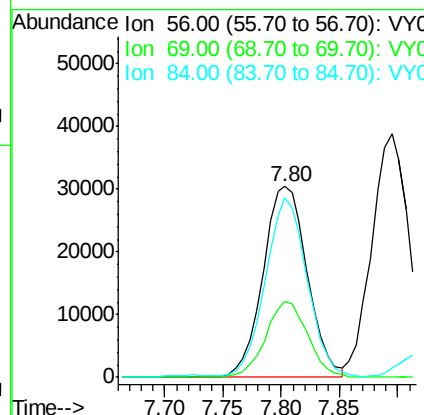
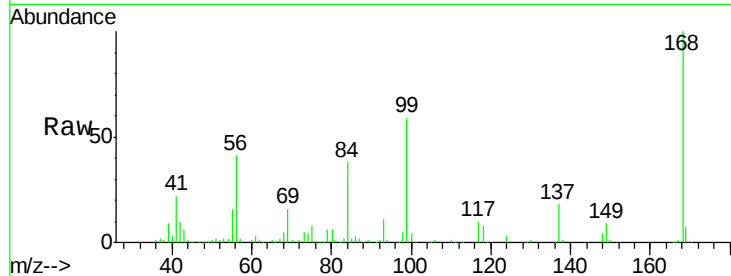
#31
Cyclohexane
Concen: 19.480 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.7	25.1	37.7#
84	92.8	66.9	100.3

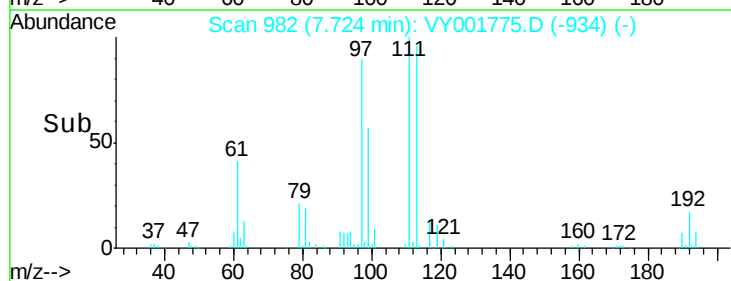
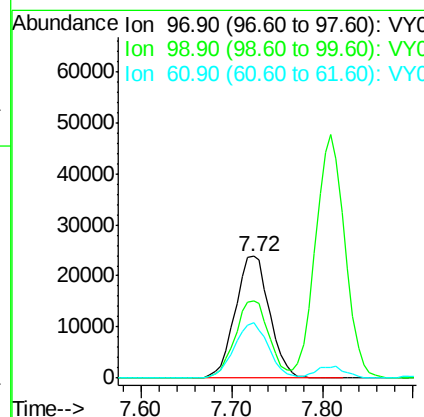
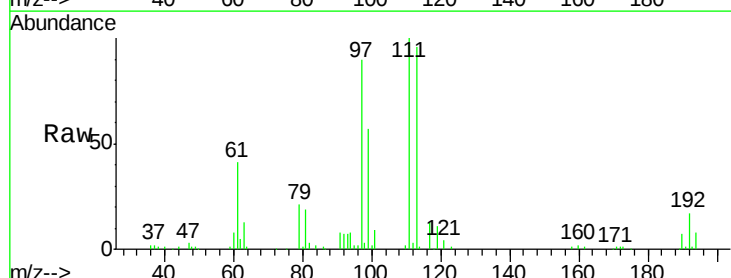
Manual Integrations
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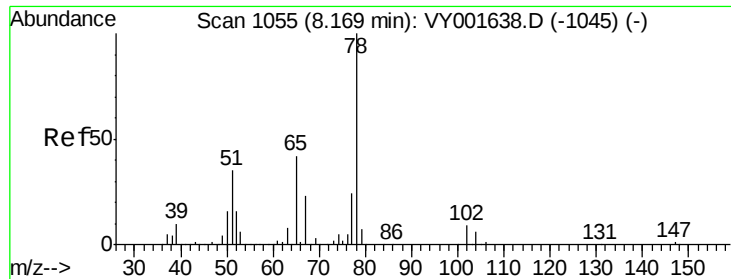
MMDadoda
2/27/2020 10:45:42 AM



#32
1,1,1-Trichloroethane
Concen: 19.733 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.3	51.2	76.8
61	45.2	35.0	52.6





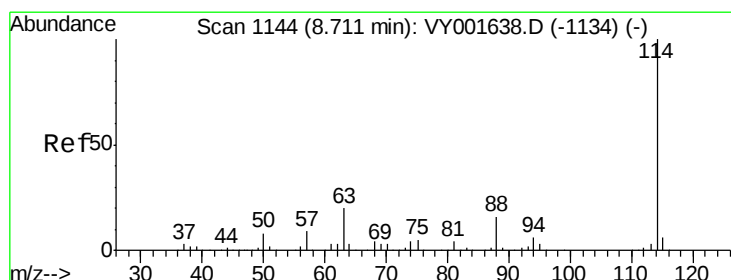
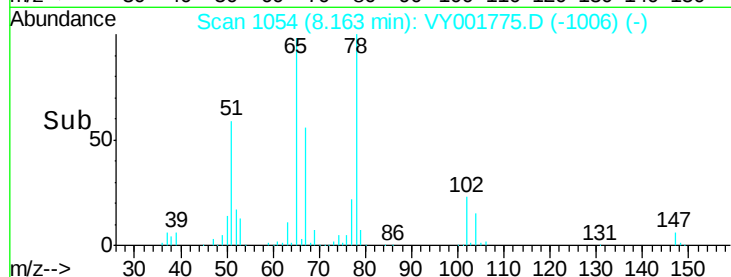
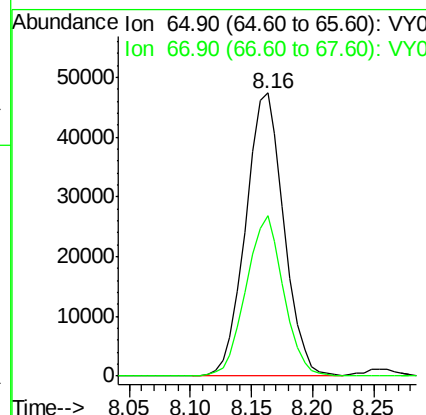
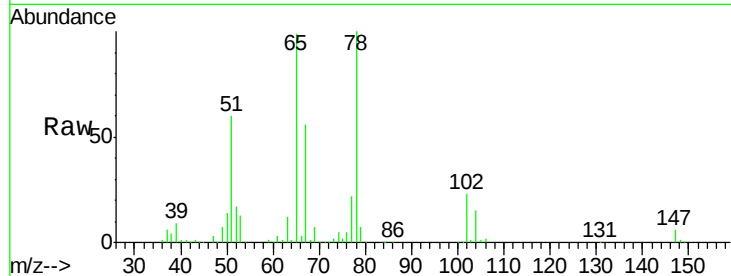
#33
 1,2-Dichloroethane-d4
 Concen: 52.431 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.6	0.0	111.0	

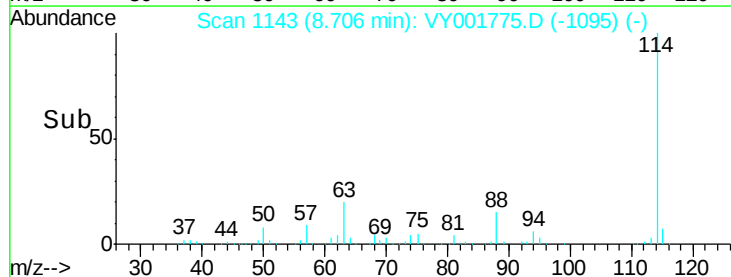
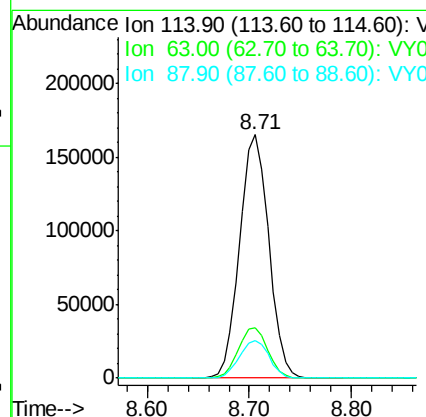
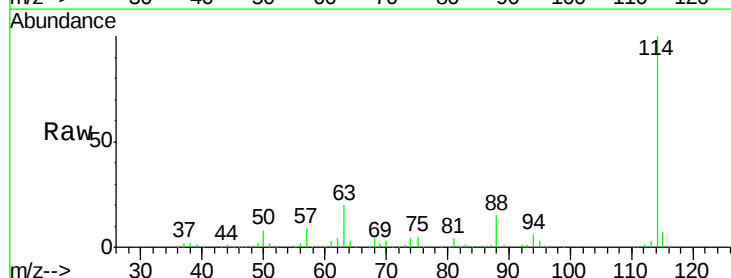
Manual Integrations
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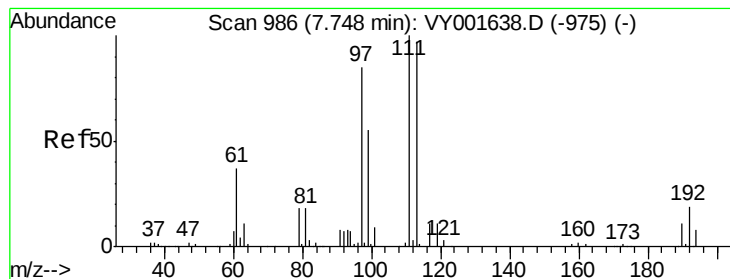
MMDadoda
 2/27/2020 10:45:42 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.4	0.0	41.4	
88	15.2	0.0	32.8	





#35

Dibromofluoromethane

Concen: 50.457 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

Tot Ion:113 Resp: 94366

Ion Ratio Lower Upper

113 100

111 103.9 81.9 122.9

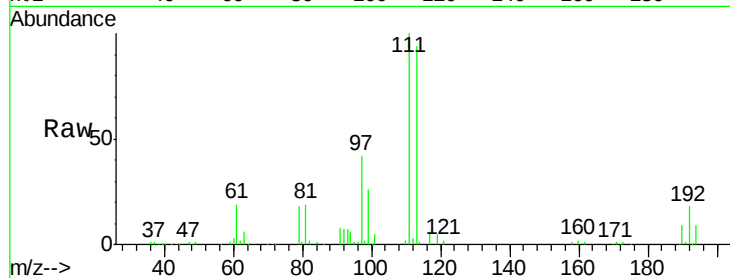
192 18.7 14.3 21.5

Manual Integrations

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MMDadoda

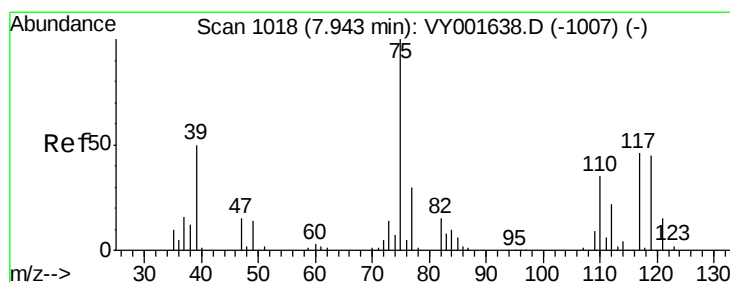
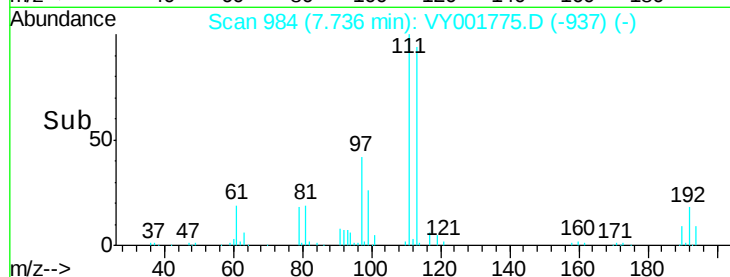
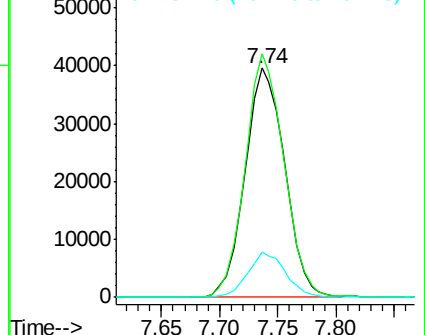
2/27/2020 10:45:42 AM



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.554 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

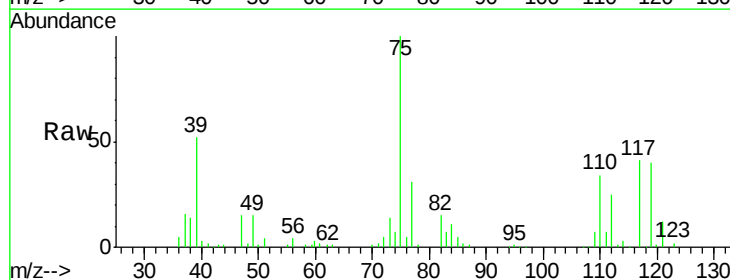
Tgt Ion: 75 Resp: 60988

Ion Ratio Lower Upper

75 100

110 35.1 17.2 51.6

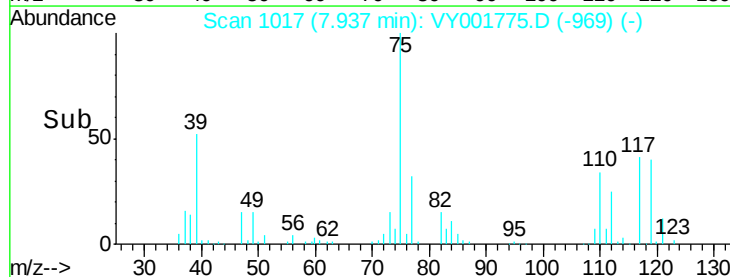
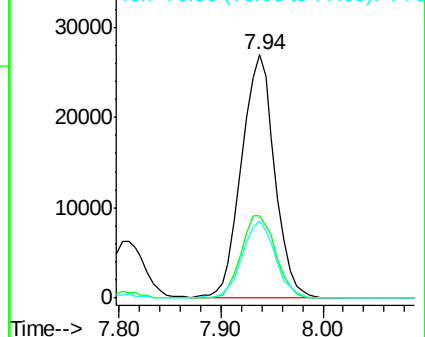
77 31.5 24.8 37.2

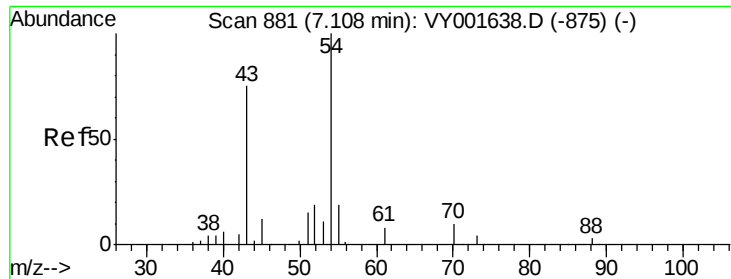


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





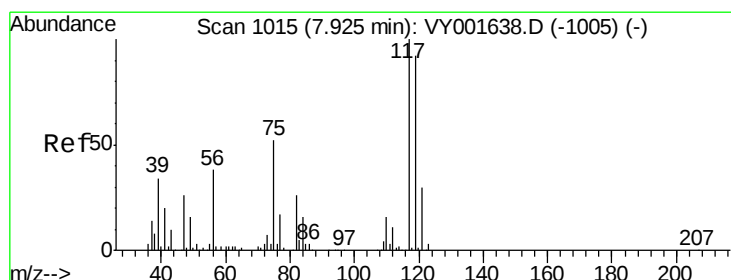
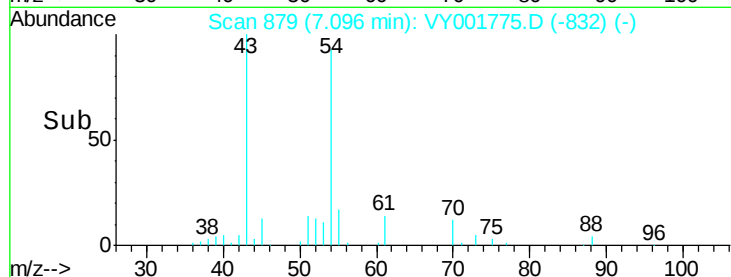
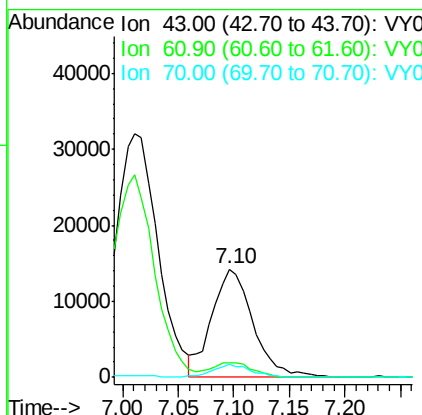
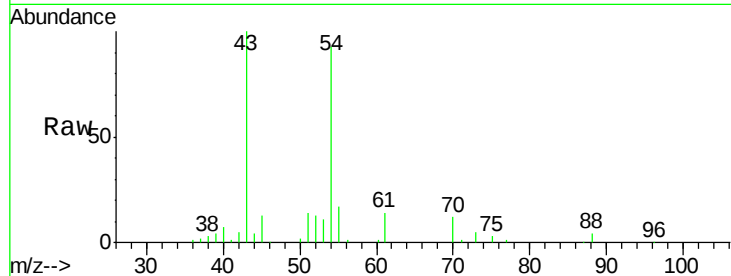
#37
Ethyl Acetate
Concen: 19.483 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.0	16.6
70	11.1	8.8	13.2

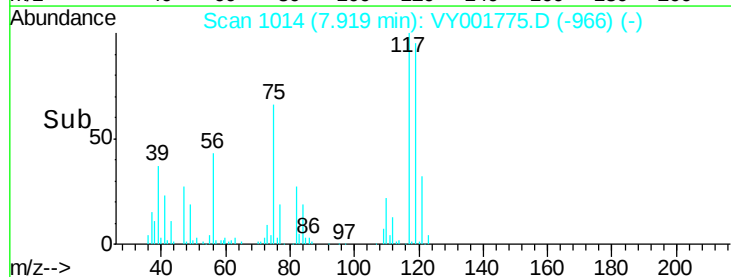
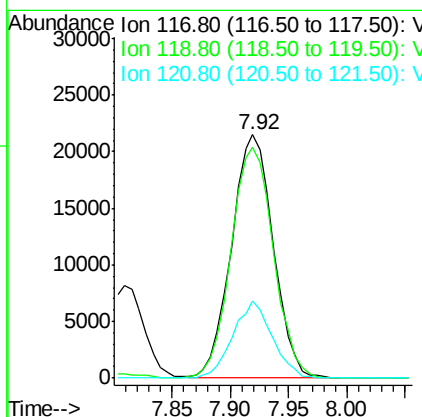
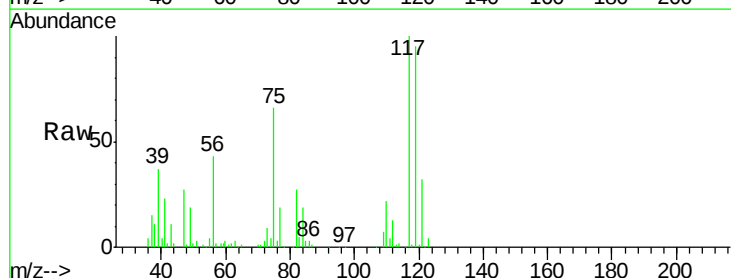
Manual Integrations
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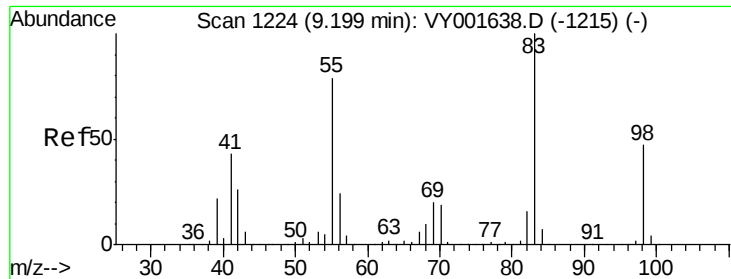
MMDadoda
2/27/2020 10:45:42 AM



#38
Carbon Tetrachloride
Concen: 19.623 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	74.8	112.2
121	31.7	23.8	35.6





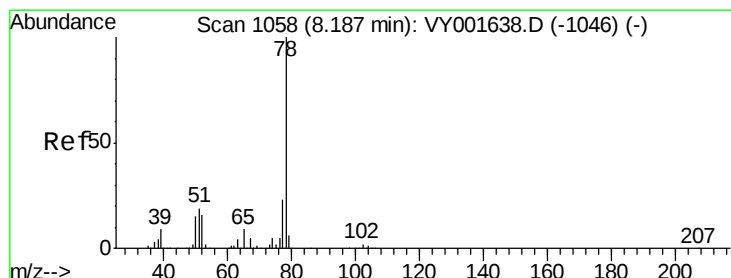
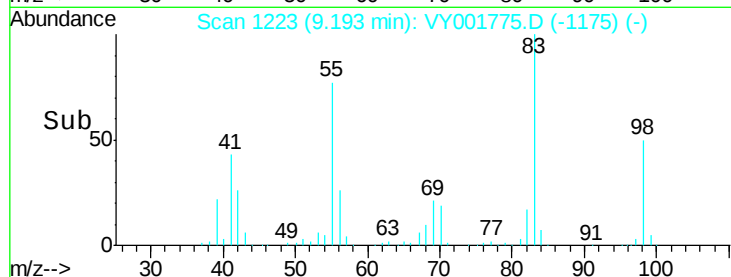
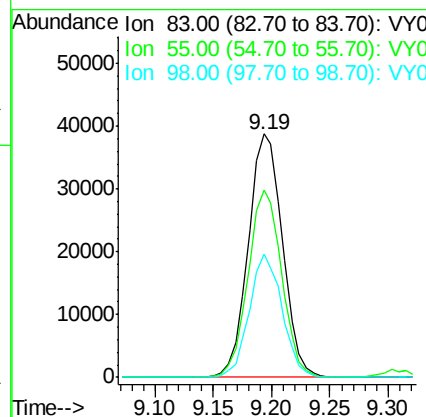
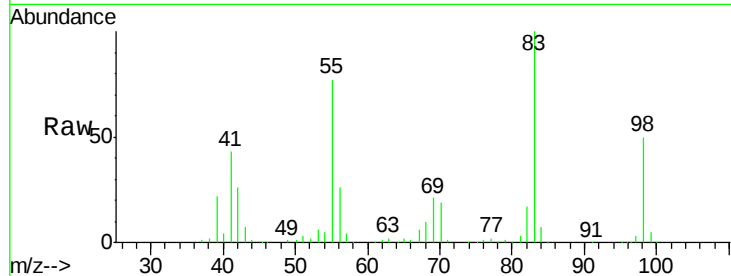
#39
Methvlcvclohexane
Concen: 19.194 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.8	61.3	91.9
98	50.5	38.0	57.0

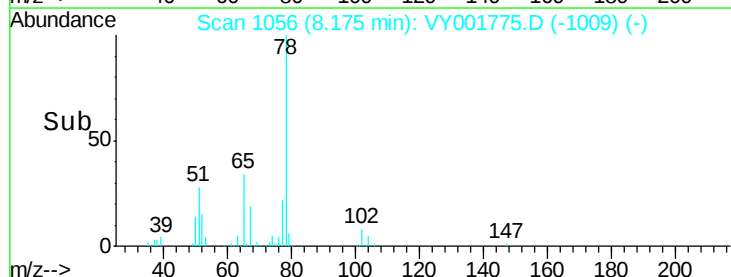
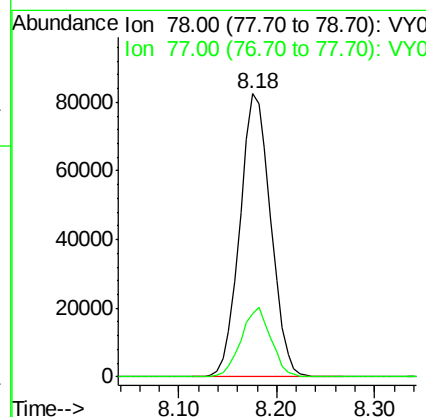
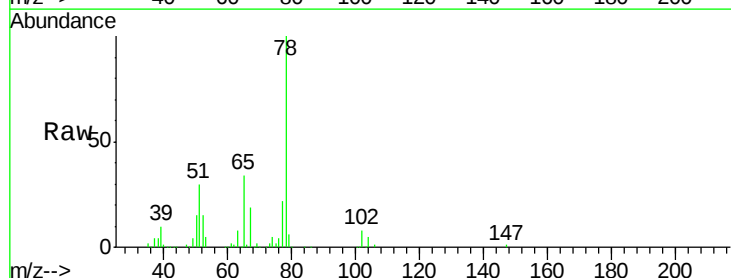
Manual Integrations
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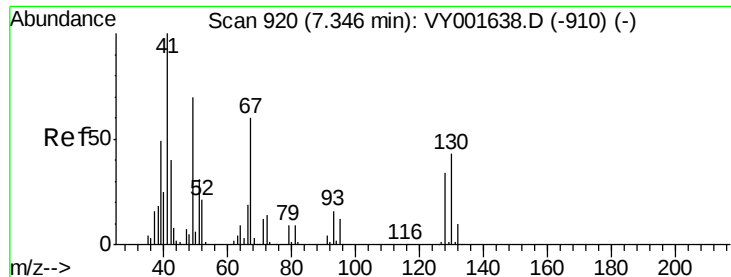
MMDadoda
2/27/2020 10:45:42 AM



#40
Benzene
Concen: 19.707 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.2	27.4





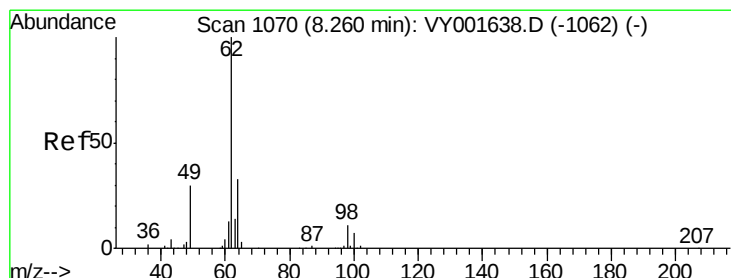
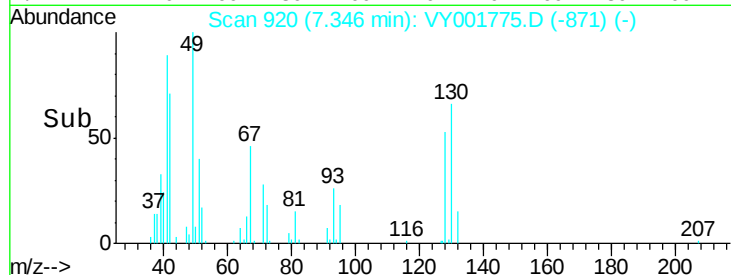
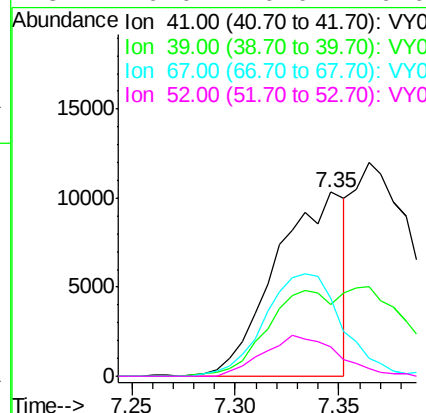
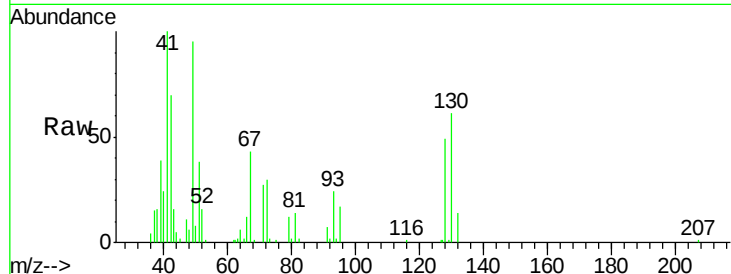
#41
Methacrylonitrile
Concen: 25.732 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion	41	Resp	24052
Ion Ratio	Lower	Upper	
41	100		
39	0.0	36.0	54.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

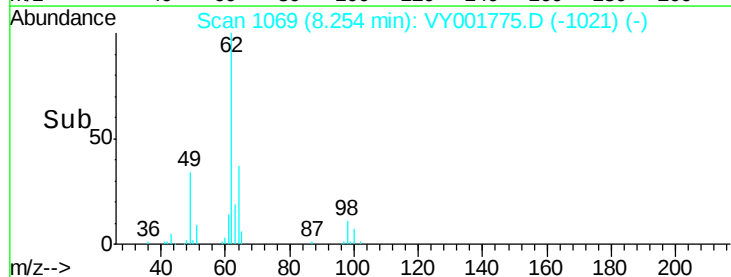
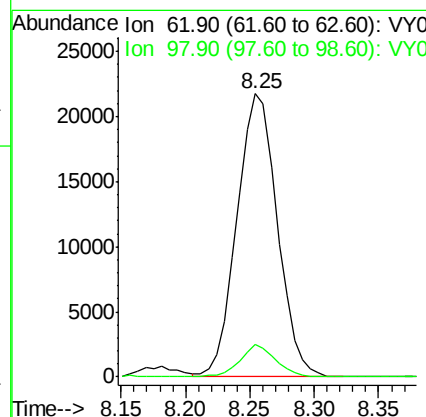
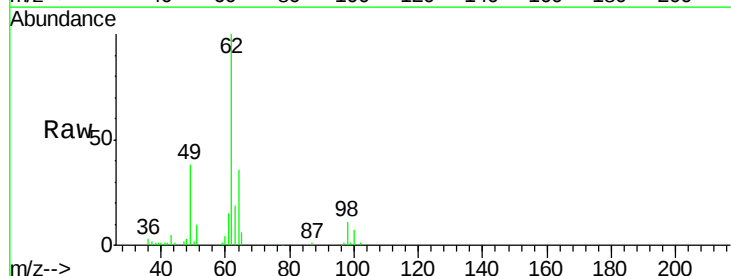
Manual Integrations
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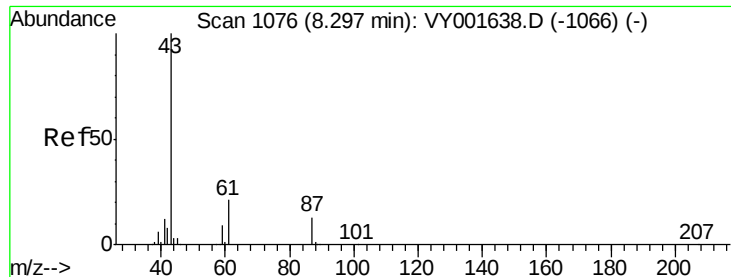
MMDadoda
2/27/2020 10:45:42 AM



#42
1,2-Dichloroethane
Concen: 18.952 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion	62	Resp	47362
Ion Ratio	Lower	Upper	
62	100		
98	10.1	0.0	20.8





#43

Isopropyl Acetate

Concen: 19.218 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

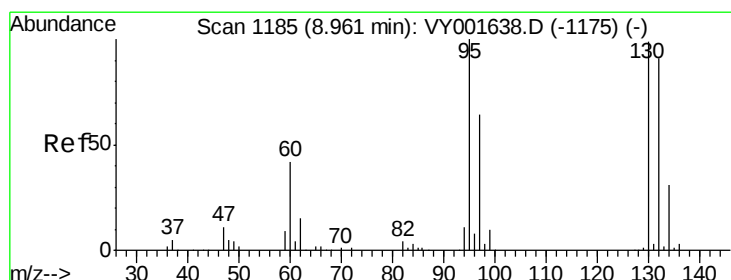
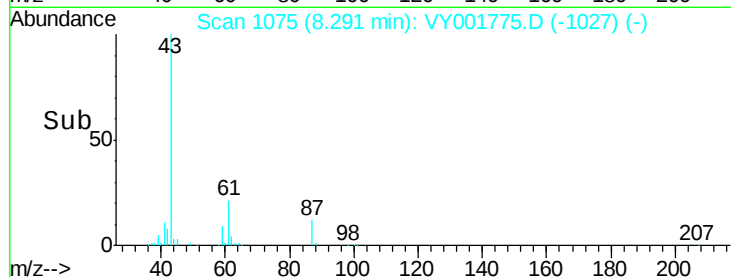
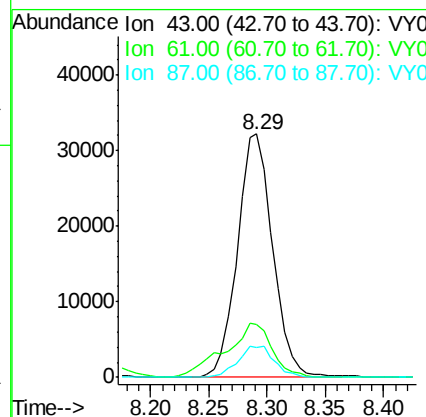
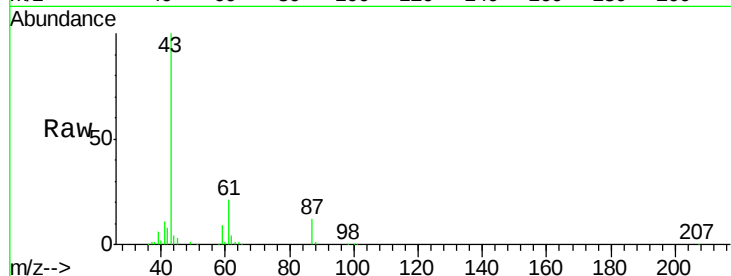
ClientSampleId :

VY0226SBS01

Tot Ion:	43	Resp:	67878
Ion	Ratio	Lower	Upper
43	100		
61	29.5	23.0	34.4
87	13.1	10.7	16.1

Manual Integrations
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MMDadoda
2/27/2020 10:45:42 AM



#44

Trichloroethene

Concen: 19.421 ug/l

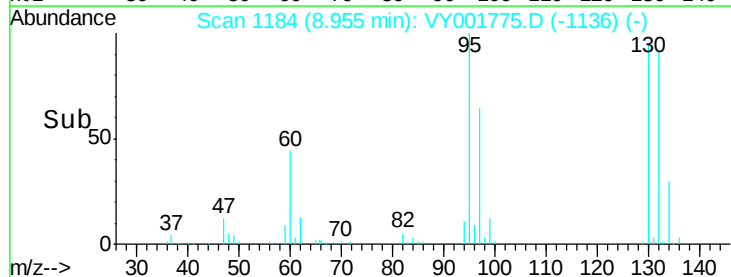
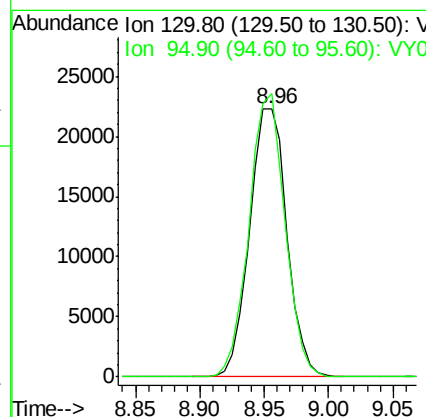
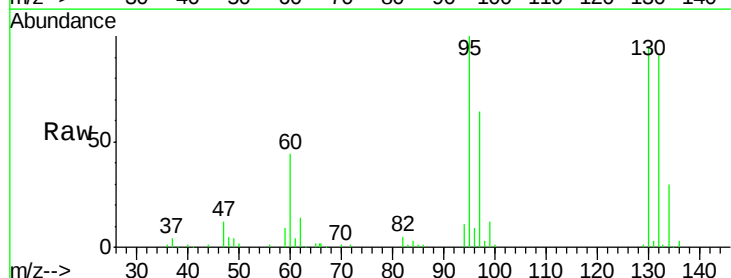
RT: 8.96 min Scan# 1184

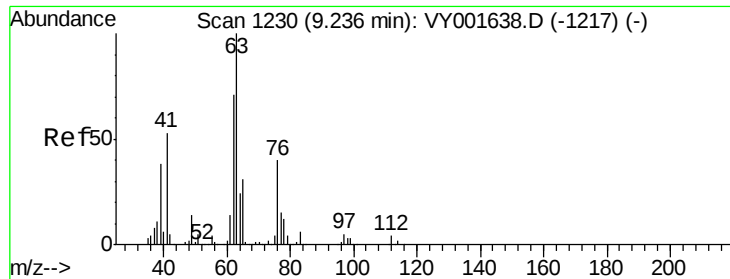
Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Tgt Ion:	130	Resp:	44471
Ion	Ratio	Lower	Upper
130	100		
95	105.5	0.0	200.6





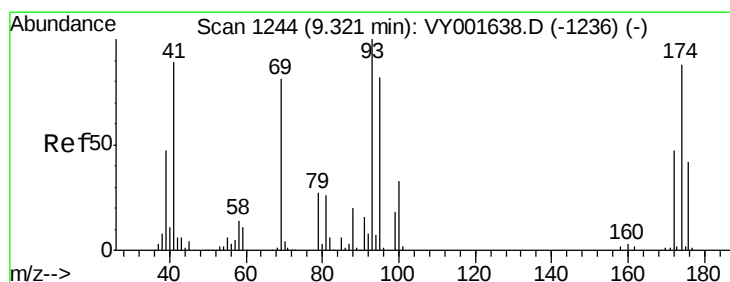
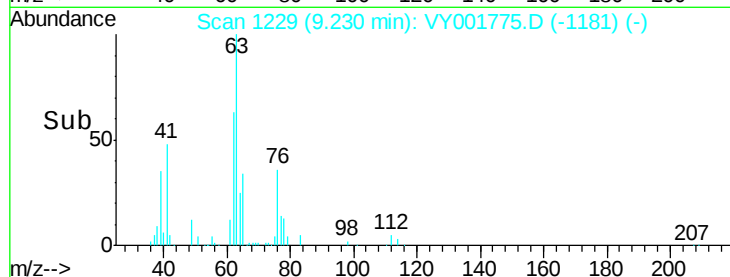
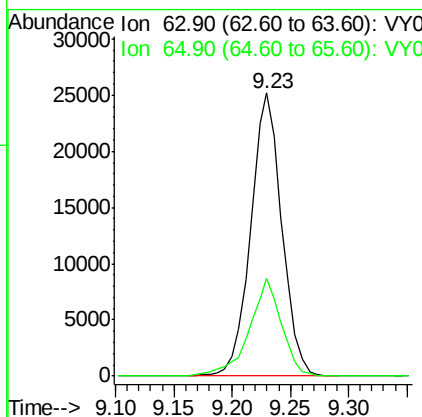
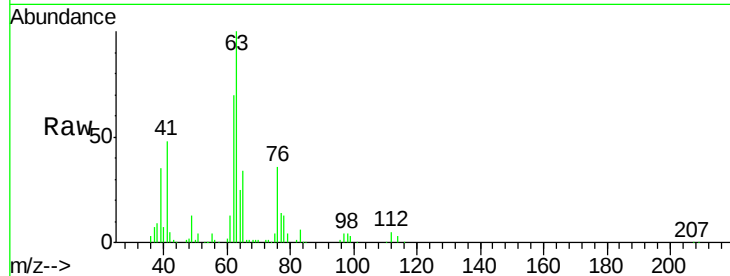
#45
 1,2-Dichloropropane
 Concen: 20.341 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Tot Ion: 63 Resp: 46729
 Ion Ratio Lower Upper
 63 100
 65 34.4 24.6 37.0

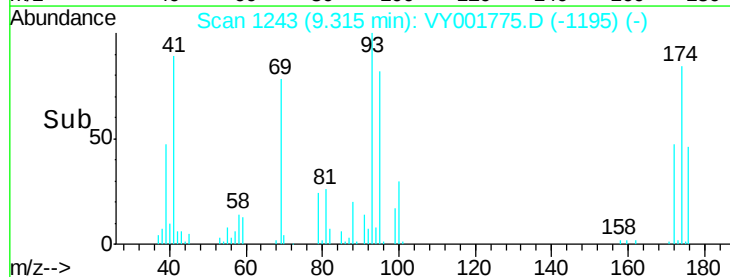
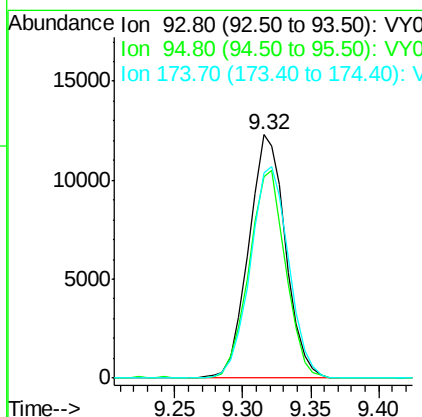
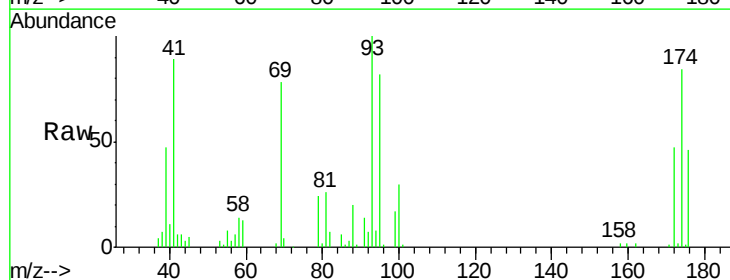
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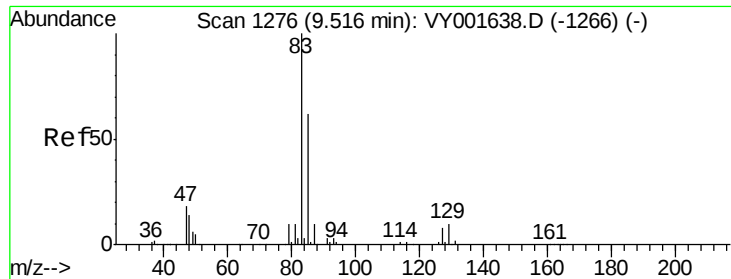
MMDadoda
 2/27/2020 10:45:42 AM



#46
 Dibromomethane
 Concen: 19.404 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Tgt Ion: 93 Resp: 23315
 Ion Ratio Lower Upper
 93 100
 95 84.6 66.1 99.1
 174 90.2 72.5 108.7





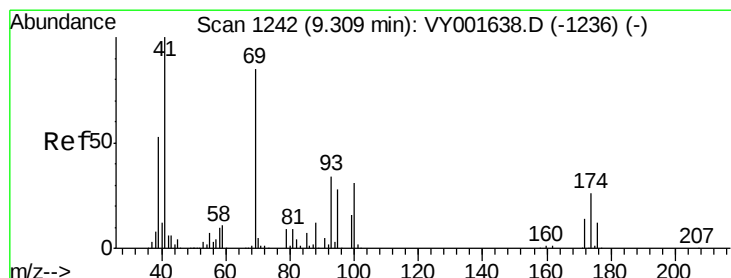
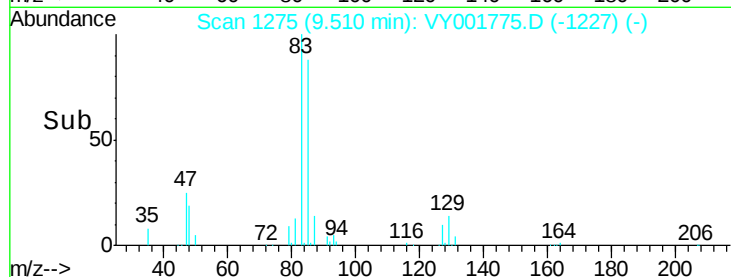
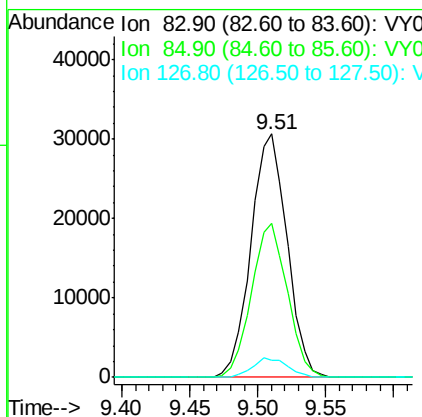
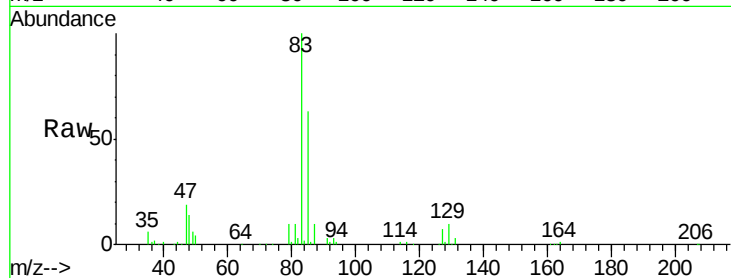
#47
Bromodichloromethane
Concen: 19.697 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	57121		
85	63.1		51.4	77.0
127	7.1		6.4	9.6

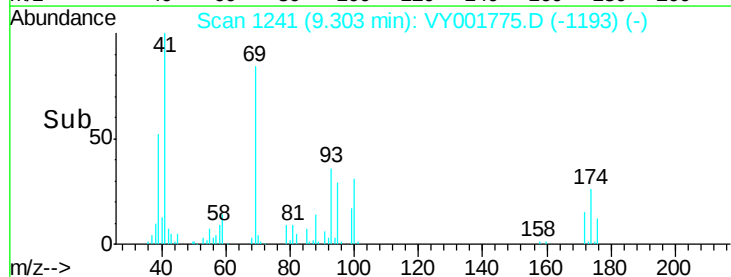
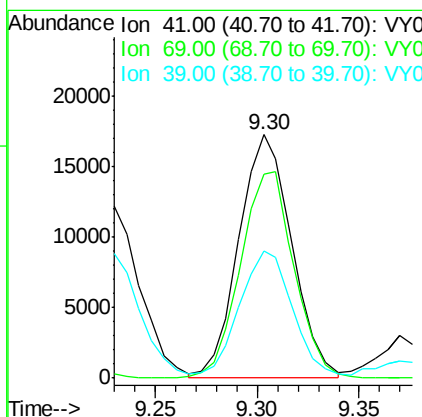
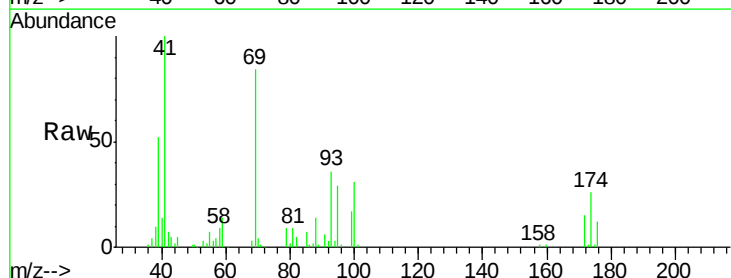
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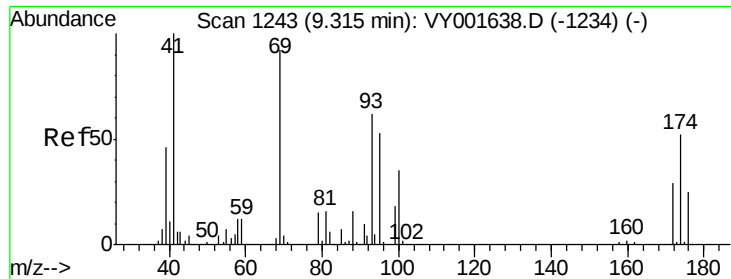
MMDadoda
2/27/2020 10:45:42 AM



#48
Methyl methacrylate
Concen: 19.483 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	31123		
69	85.7		70.7	106.1
39	53.0		42.2	63.2





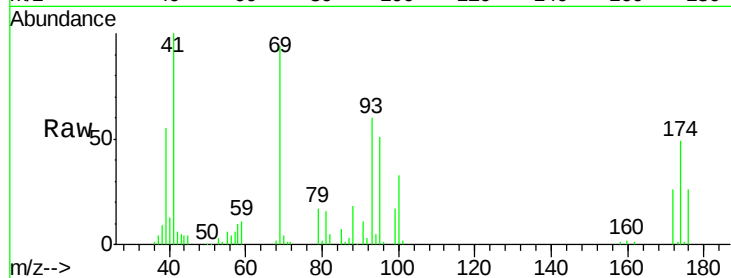
#49
1,4-Dioxane
Concen: 400.622 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.3	23.1	34.7
58	71.3	58.1	87.1

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2/27/2020 10:45:42 AM

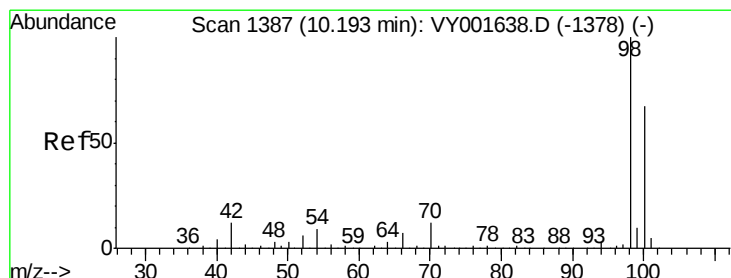
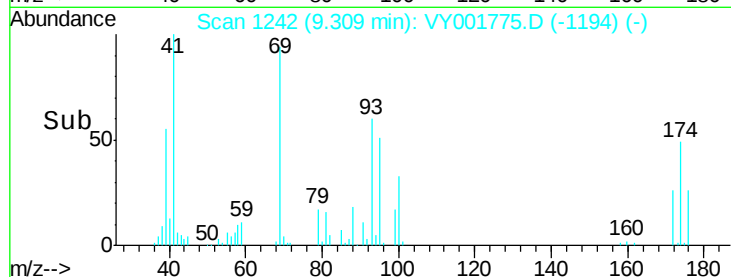
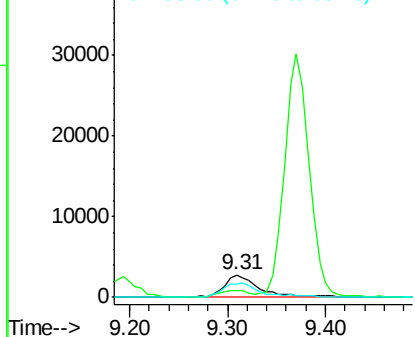


Abundance

Ion 88.00 (87.70 to 88.70): VY001638.D (-1234) (-)

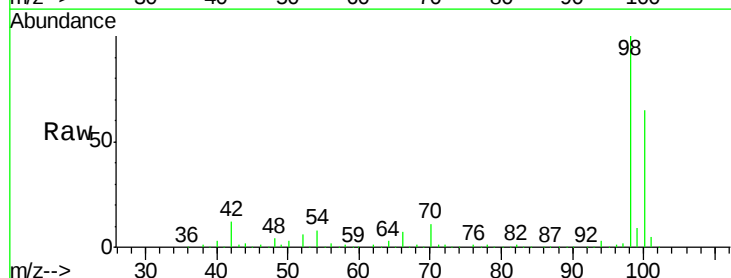
Ion 43.00 (42.70 to 43.70): VY001638.D (-1234) (-)

Ion 58.00 (57.70 to 58.70): VY001638.D (-1234) (-)



#50
Toluene-d8
Concen: 54.366 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

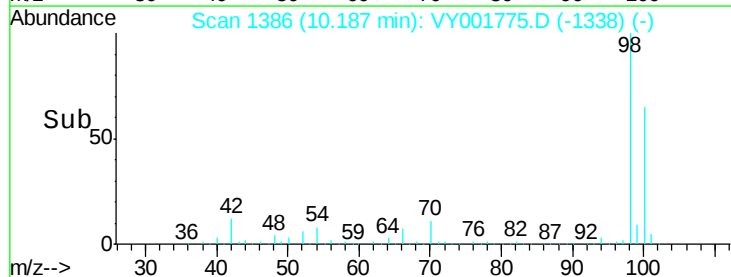
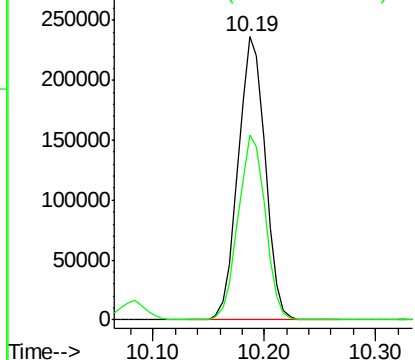
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.0	79.4

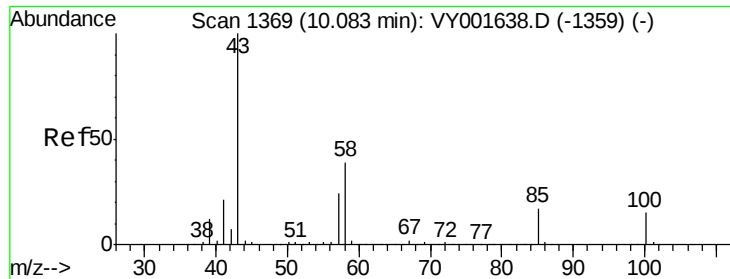


Abundance

Ion 98.00 (97.70 to 98.70): VY001638.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001638.D (-1378) (-)





#51

4-Methyl-2-Pentanone

Concen: 97.778 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

Tot Ion: 43 Resp: 177442

Ion Ratio Lower Upper

43 100

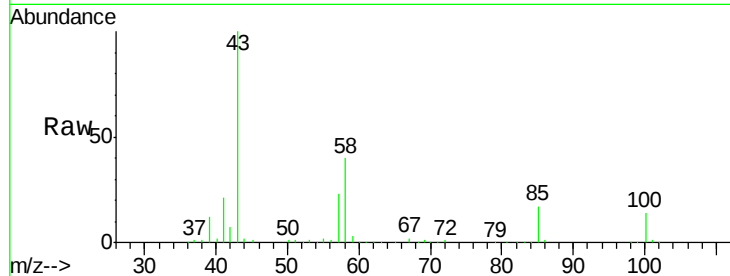
58 39.7 32.2 48.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

120000

100000

80000

60000

40000

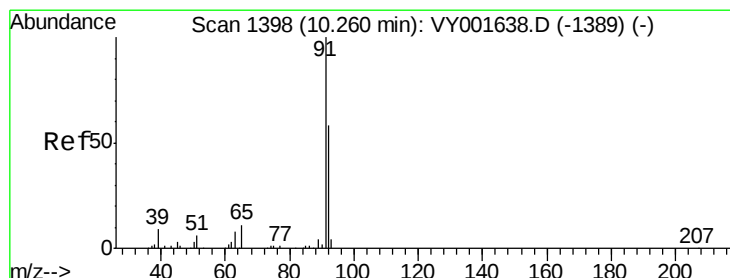
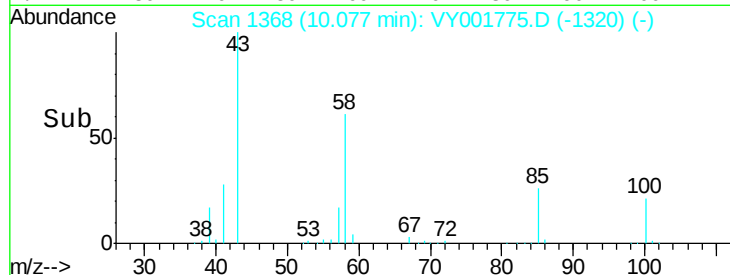
20000

0

10.00

10.10

Time-->



#52

Toluene

Concen: 19.582 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VY001775.D

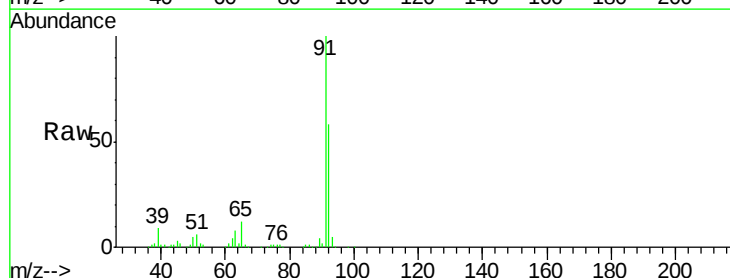
Acq: 26 Feb 2020 11:24

Tgt Ion: 92 Resp: 112046

Ion Ratio Lower Upper

92 100

91 172.1 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

120000

100000

80000

60000

40000

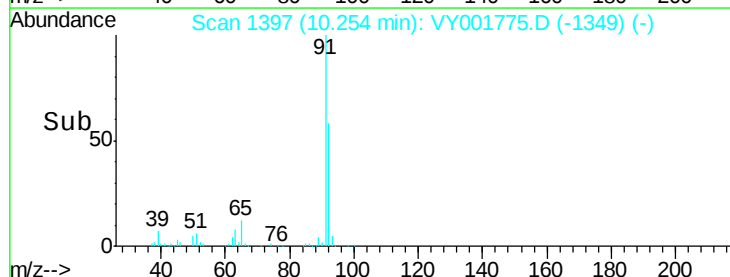
20000

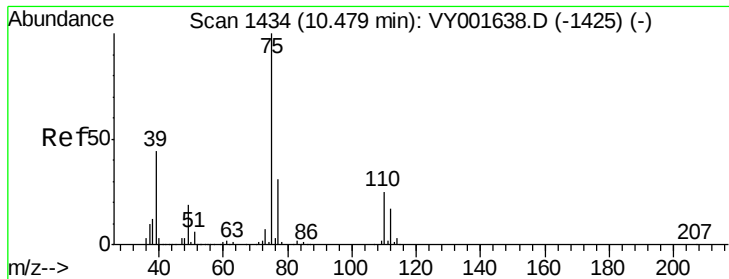
0

10.20

10.30

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.223 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

Tot Ion: 75 Resp: 61627

Ion Ratio Lower Upper

75 100

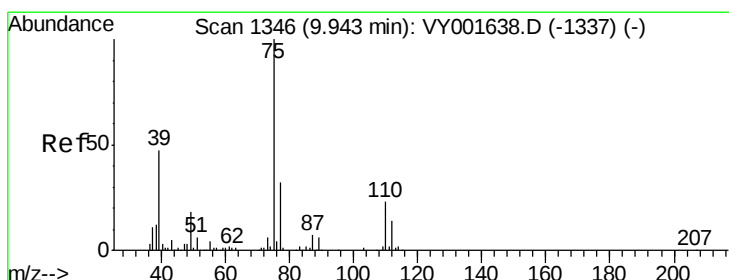
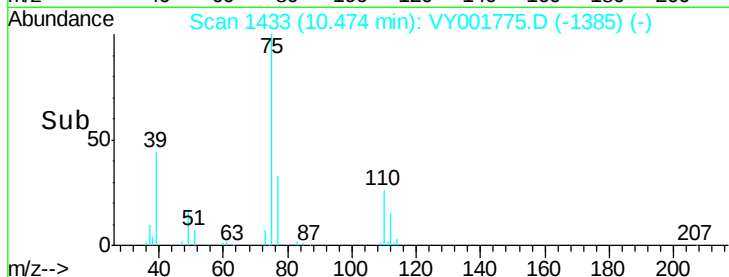
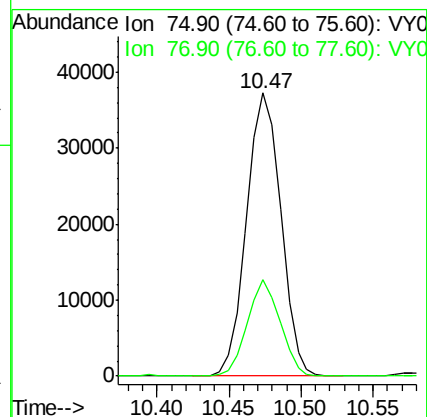
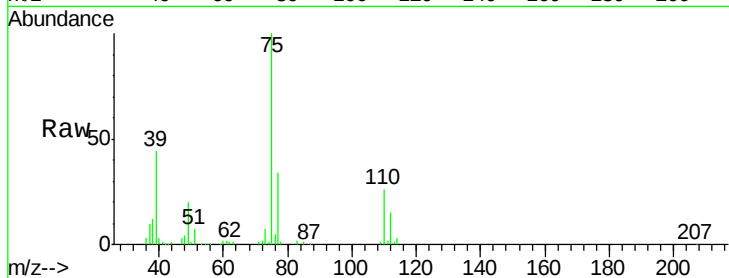
77 33.9 25.2 37.8

Manual Integrations

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MMDadoda

2/27/2020 10:45:42 AM



#54

cis-1,3-Dichloropropene

Concen: 19.479 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

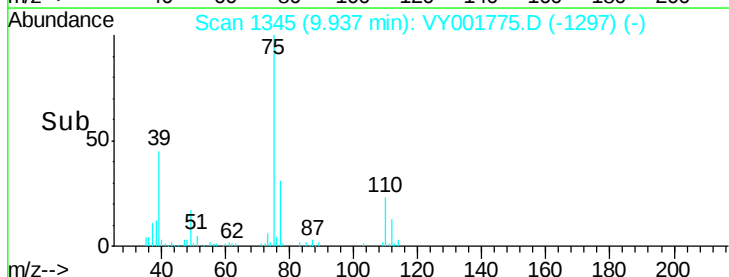
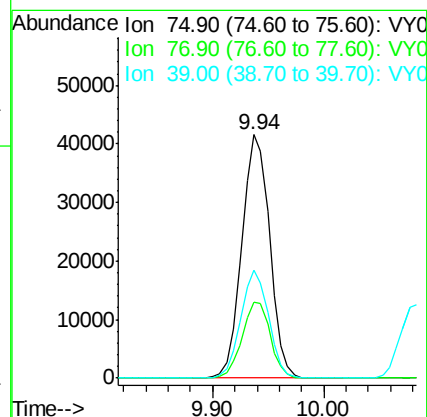
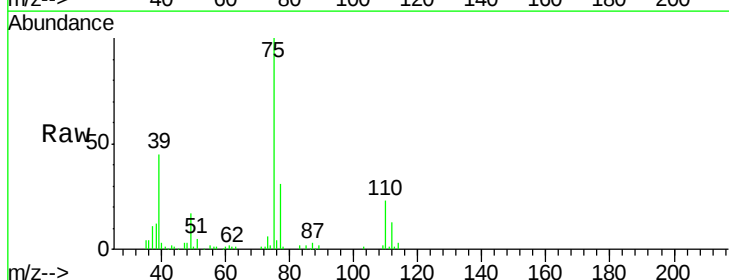
Tgt Ion: 75 Resp: 71876

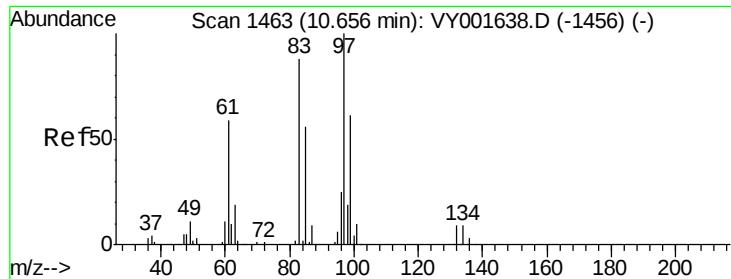
Ion Ratio Lower Upper

75 100

77 30.9 25.7 38.5

39 44.6 35.7 53.5





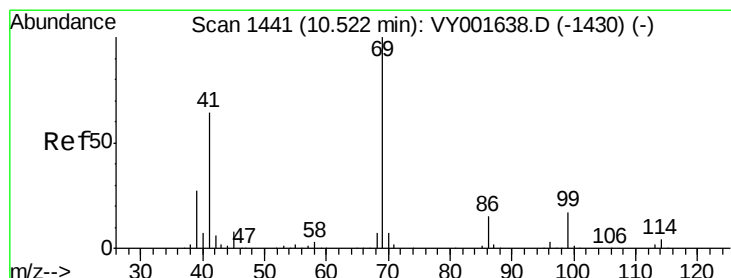
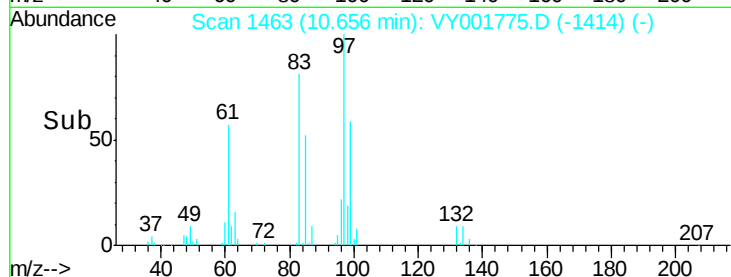
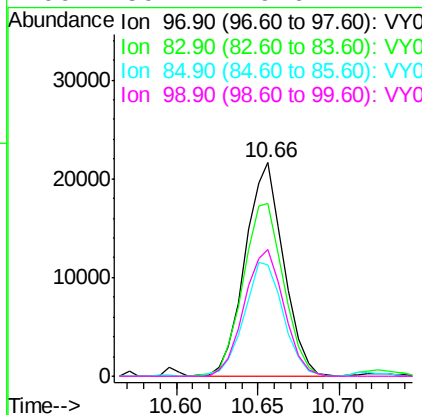
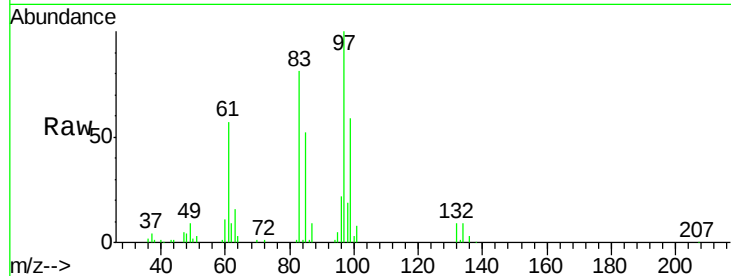
#55
 1,1,2-Trichloroethane
 Concen: 20.058 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	81.1	69.7	104.5
85	52.2	44.5	66.7
99	59.4	49.6	74.4

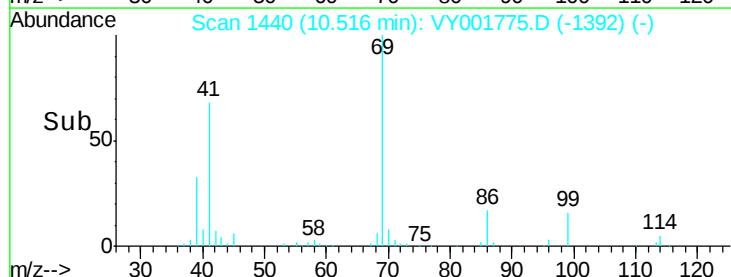
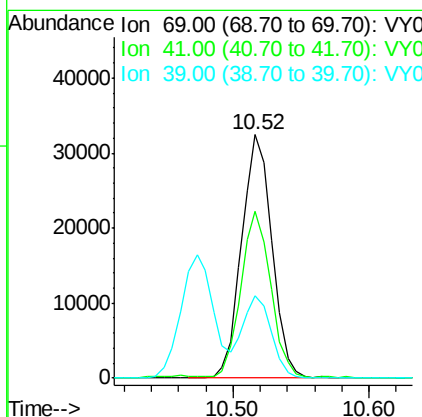
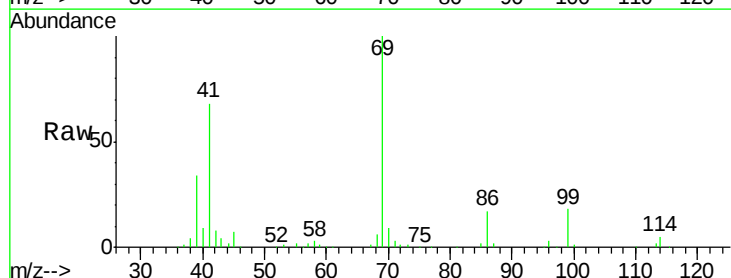
Manual Integrations
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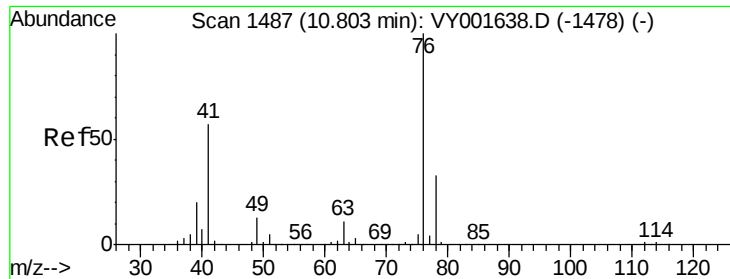
MMDadoda
 2/27/2020 10:45:42 AM



#56
 Ethyl methacrylate
 Concen: 19.093 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.7	51.0	76.4
39	32.0	24.7	37.1





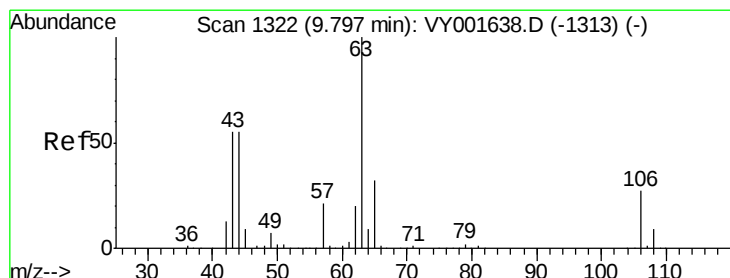
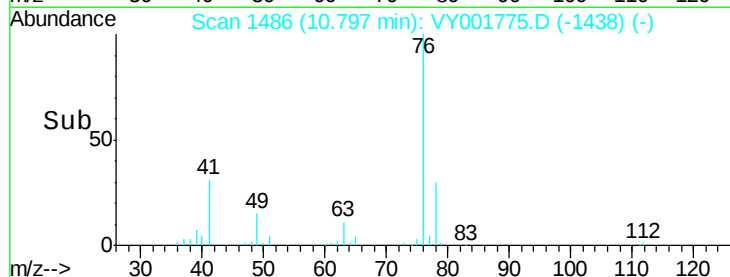
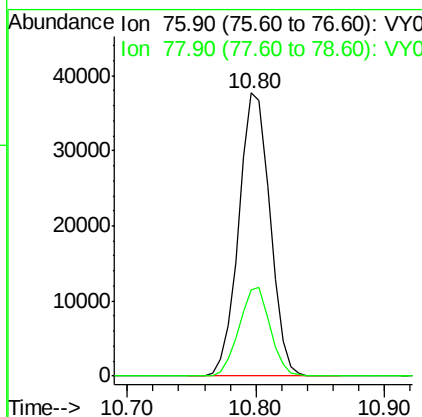
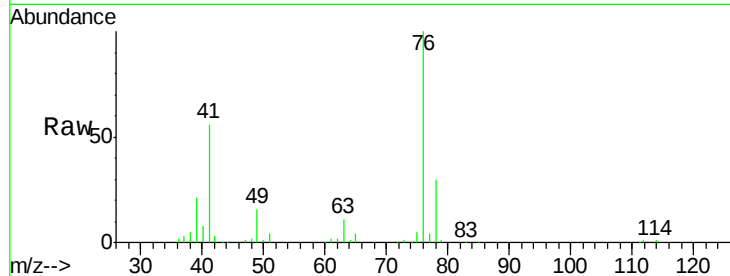
#57
 1,3-Dichloropropane
 Concen: 20.059 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Tot Ion: 76 Resp: 63149
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.7 38.5

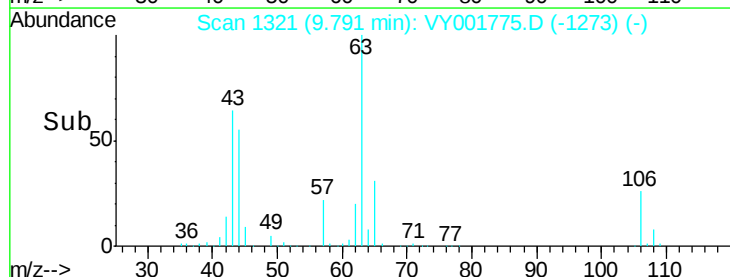
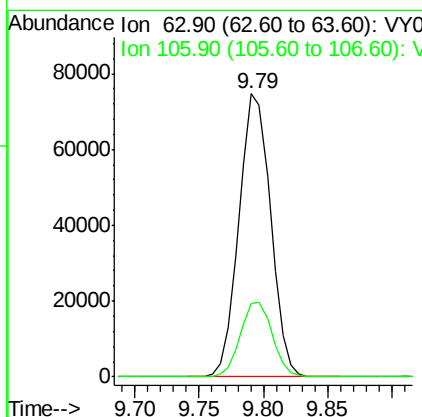
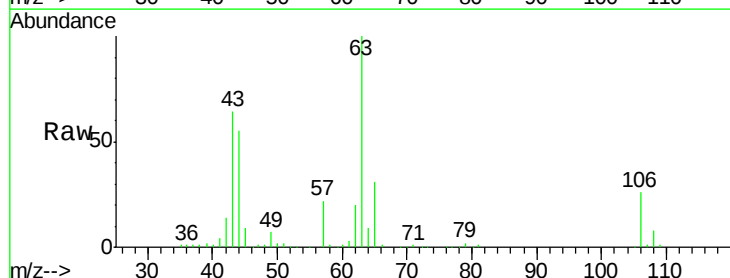
Manual Integrations
 APPROVED

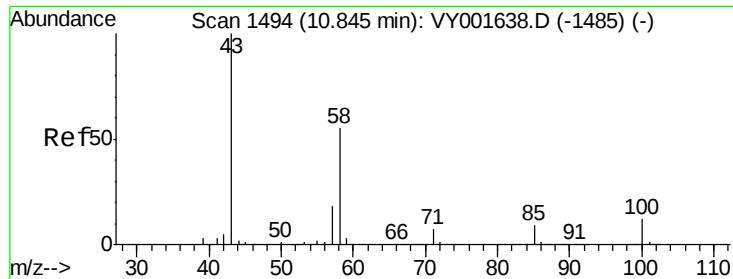
MMDadoda
 2/27/2020 10:45:42 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 117.295 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Tgt Ion: 63 Resp: 127394
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.6 32.4





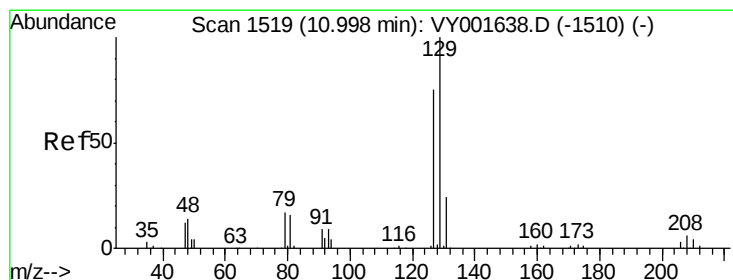
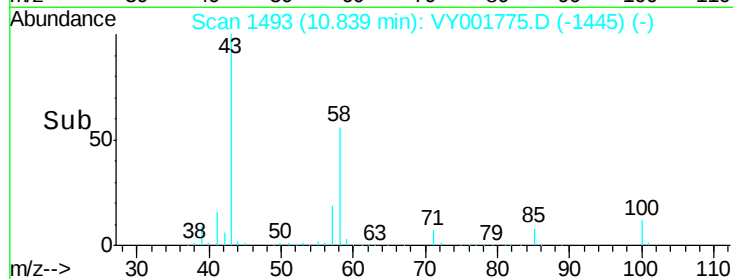
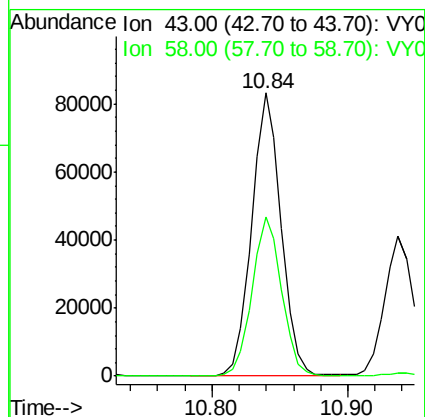
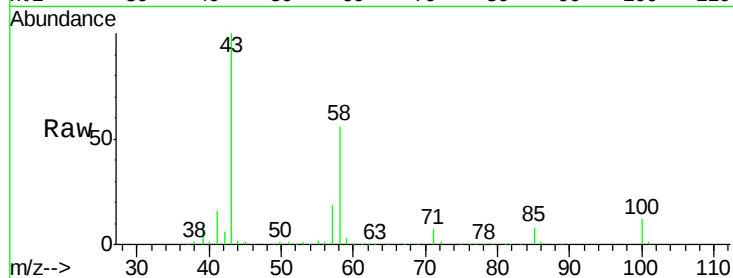
#59
2-Hexanone
Concen: 92.637 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion: 43 Resp: 126138
Ion Ratio Lower Upper
43 100
58 56.5 28.4 85.2

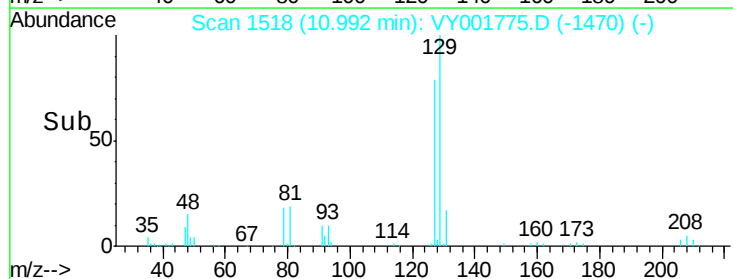
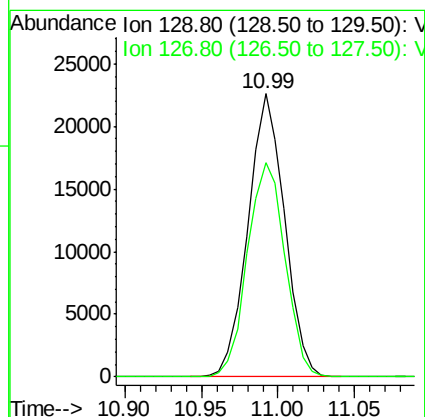
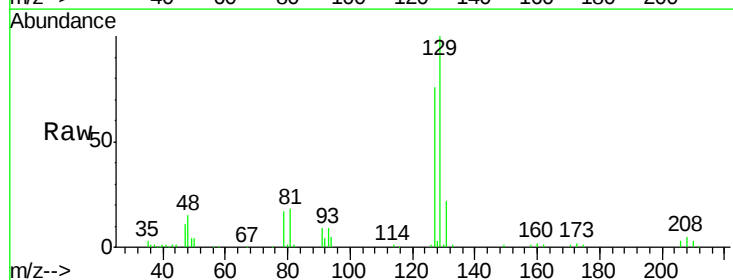
Manual Integrations
APPROVED

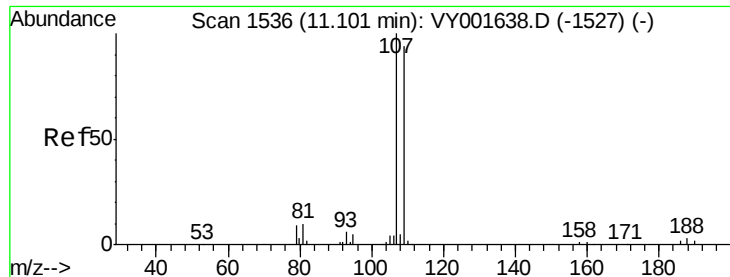
MMDadoda
2/27/2020 10:45:42 AM



#60
Dibromochloromethane
Concen: 19.228 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion: 129 Resp: 37559
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.6





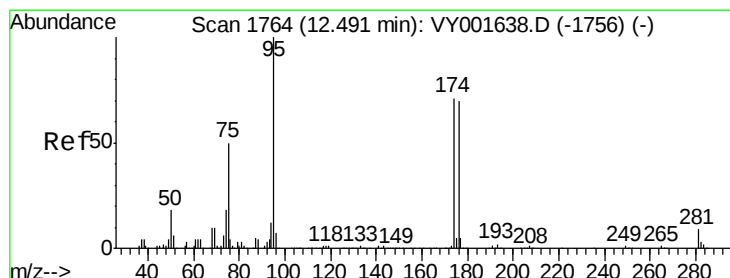
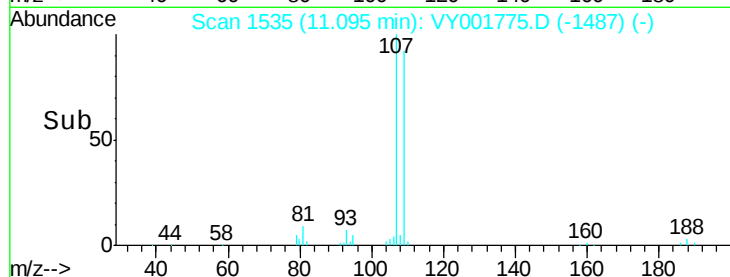
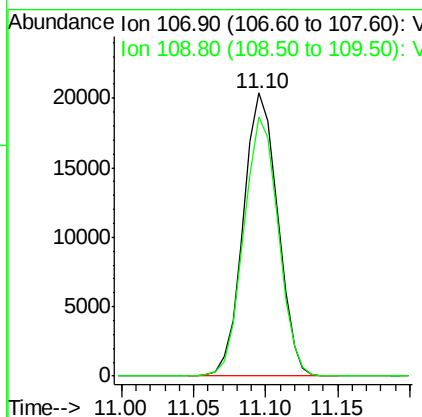
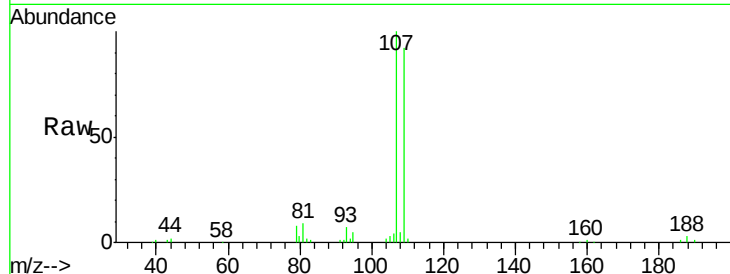
#61
 1,2-Dibromoethane
 Concen: 20.129 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.7	74.2	111.4

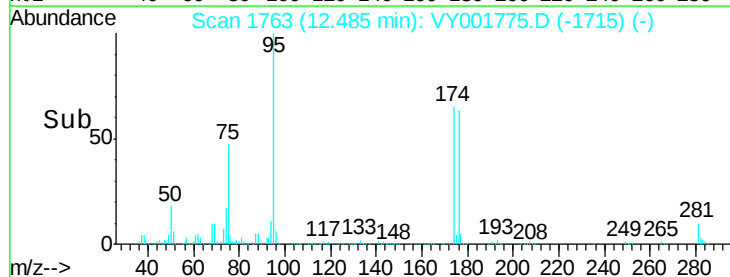
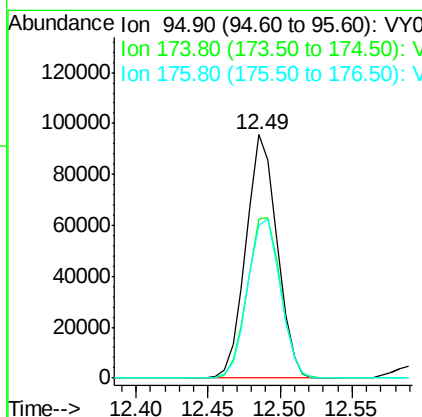
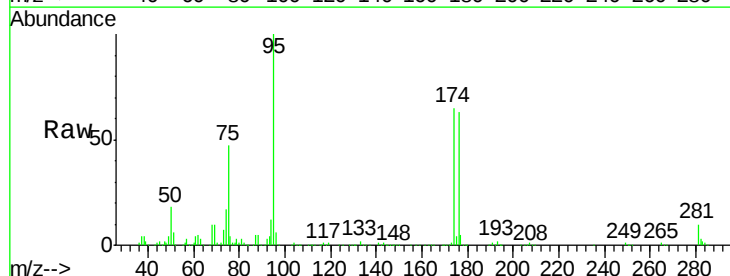
Manual Integrations
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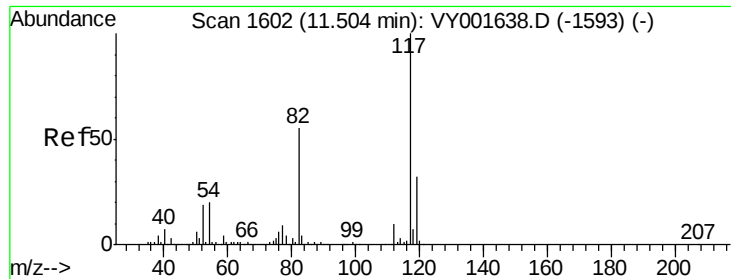
MMDadoda
 2/27/2020 10:45:42 AM



#62
 4-Bromofluorobenzene
 Concen: 50.165 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	70.7	0.0	138.4
176	68.8	0.0	131.8





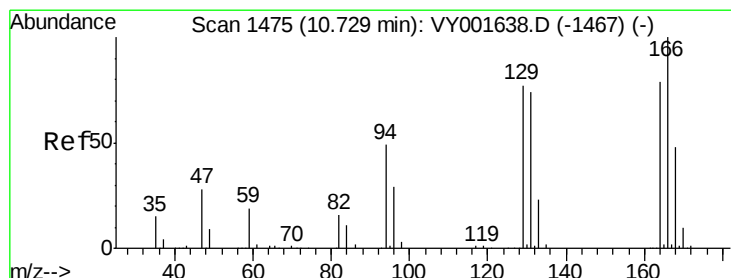
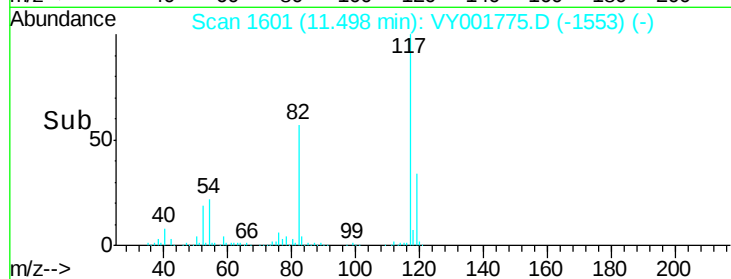
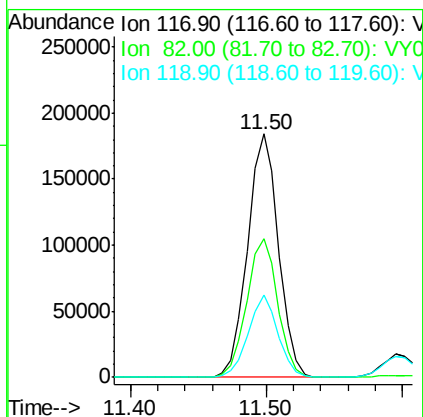
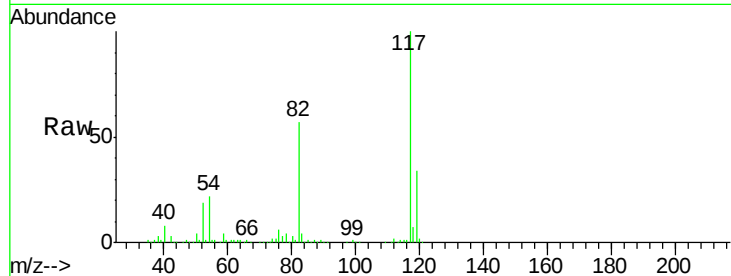
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	292569		
82	57.2		45.5	68.3
119	34.1		25.8	38.6

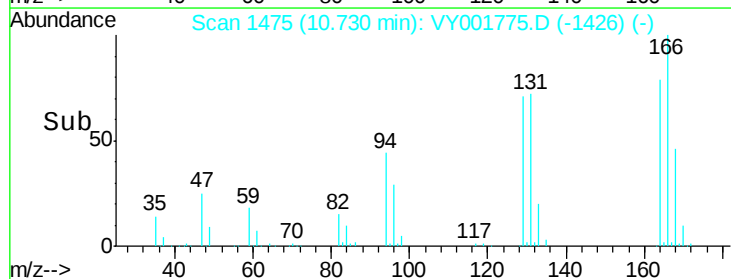
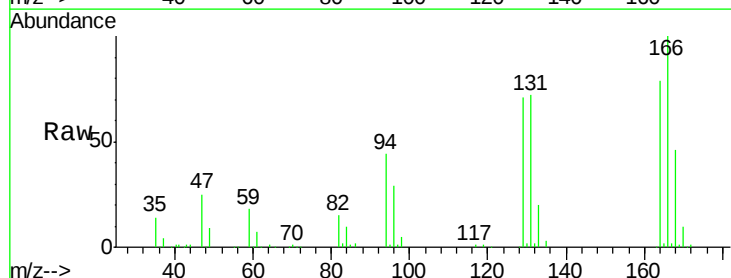
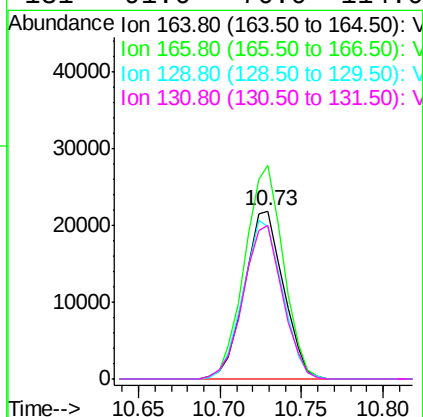
Manual Integrations
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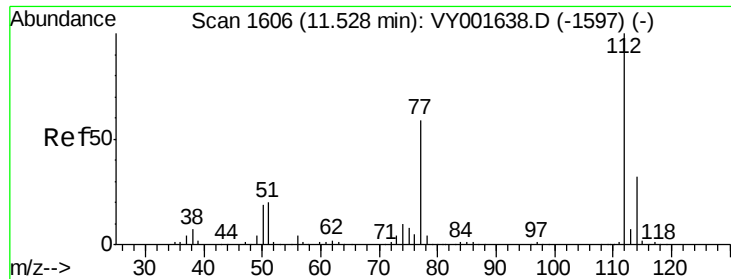
MMDadoda
2/27/2020 10:45:42 AM



#64
Tetrachloroethene
Concen: 19.927 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	36598		
166	127.4		101.4	152.0
129	90.5		78.7	118.1
131	91.6		76.0	114.0





#65

Chlorobenzene

Concen: 19.512 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

Tot Ion:112 Resp: 113973

Ion Ratio Lower Upper

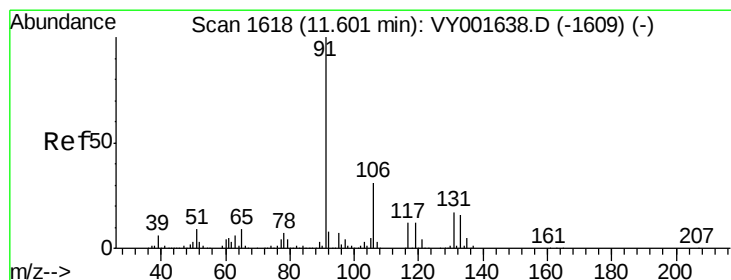
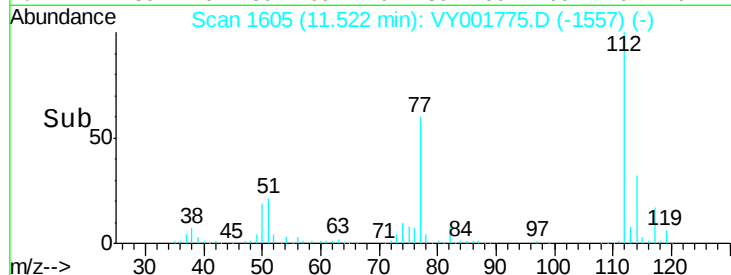
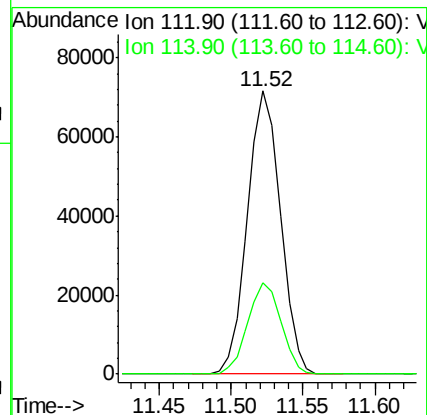
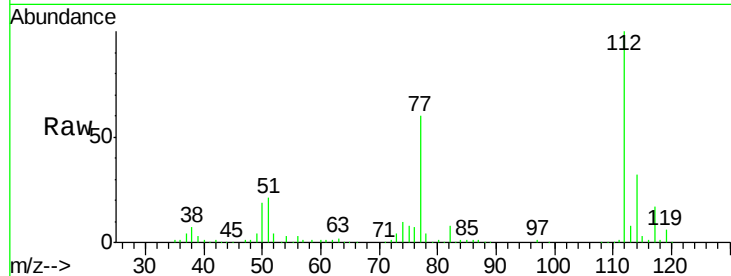
112 100

114 32.5 25.4 38.2

Manual Integrations
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MMDadoda

2/27/2020 10:45:42 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 19.574 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

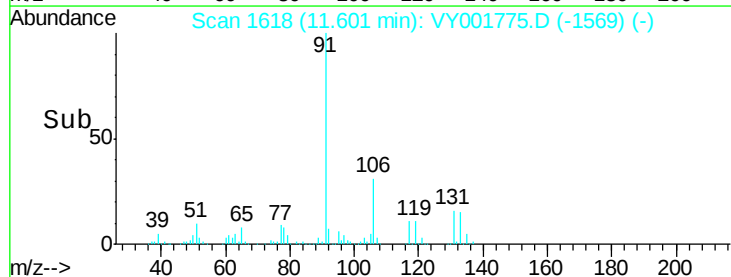
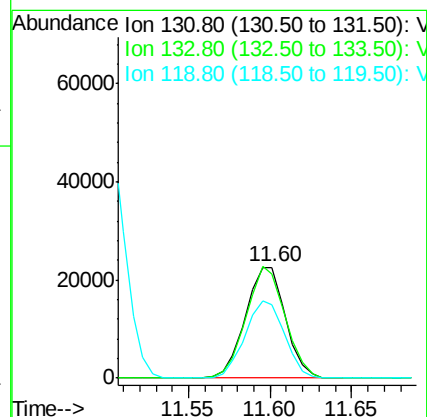
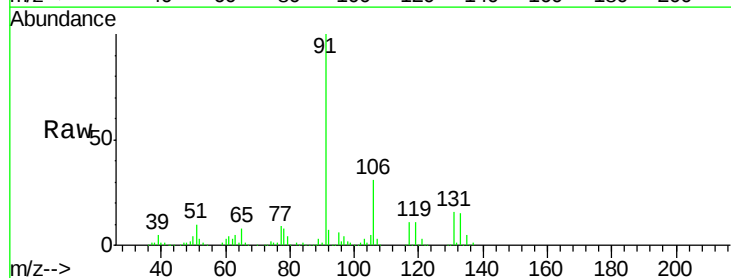
Tgt Ion:131 Resp: 38569

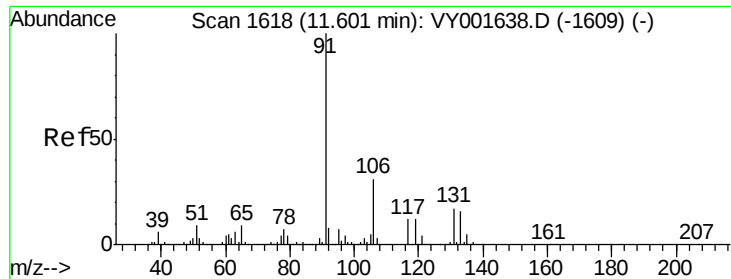
Ion Ratio Lower Upper

131 100

133 98.1 47.4 142.2

119 68.5 34.4 103.1





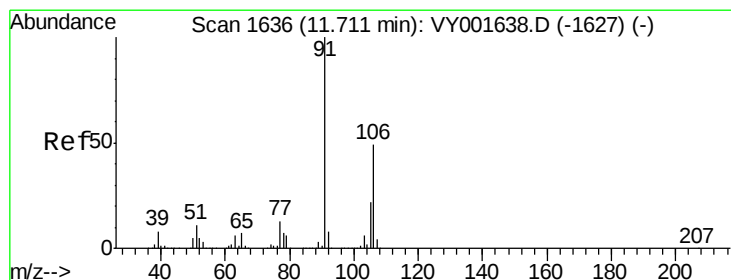
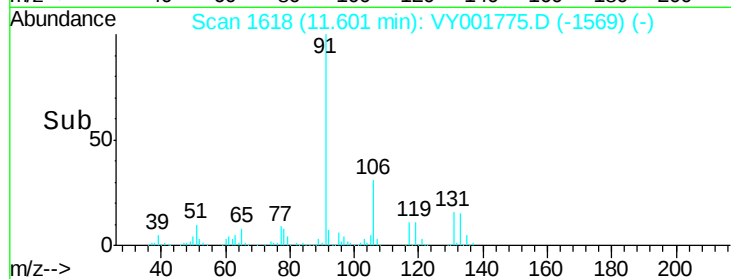
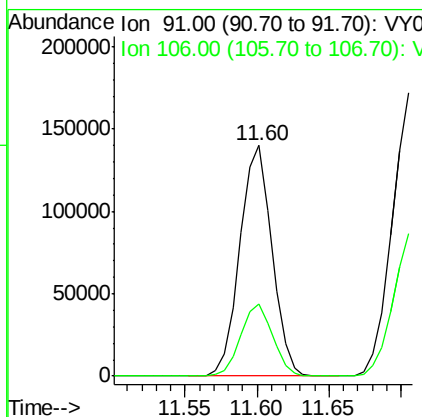
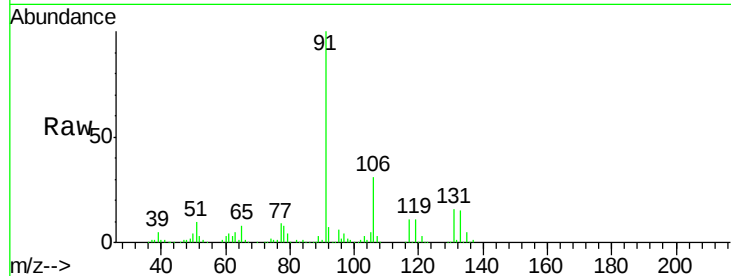
#67
Ethyl Benzene
Concen: 19.941 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.5	36.7

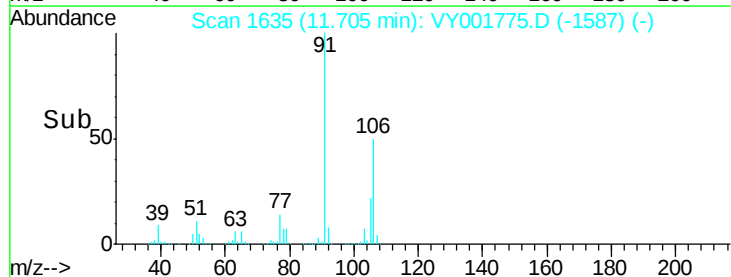
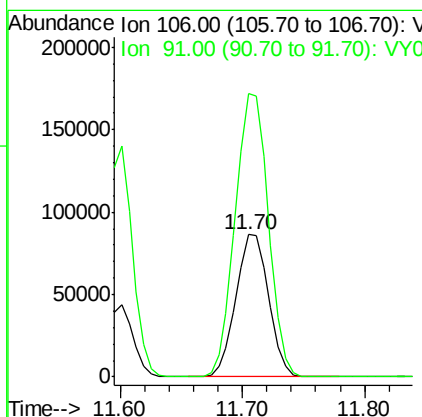
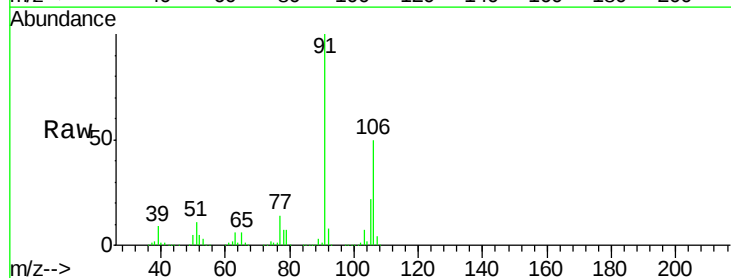
Manual Integrations
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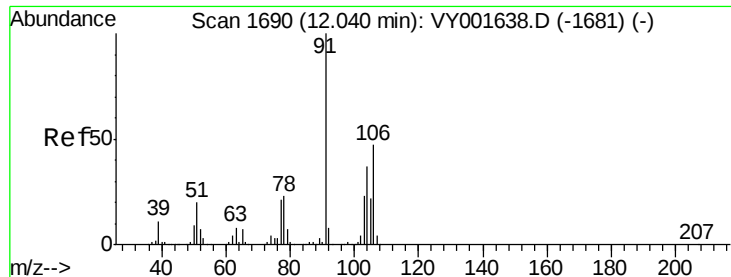
MMDadoda
2/27/2020 10:45:42 AM



#68
m/p-Xylenes
Concen: 39.620 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
106	100		
91	201.6	163.3	244.9





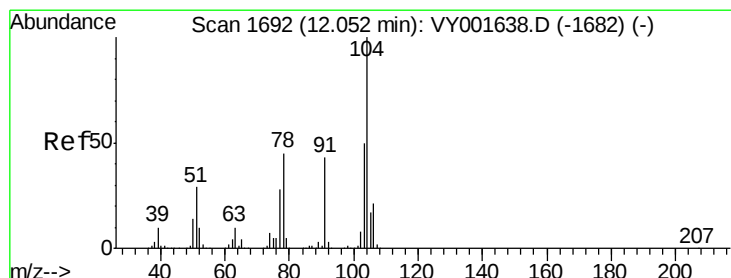
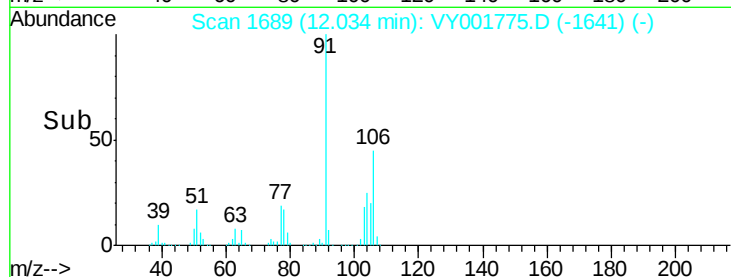
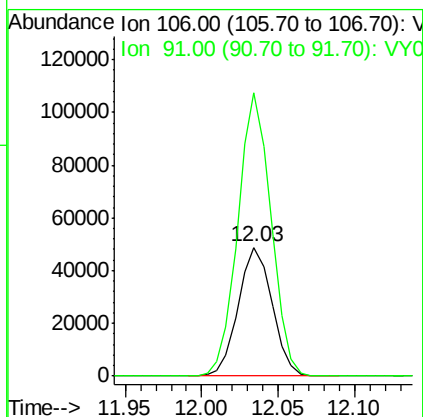
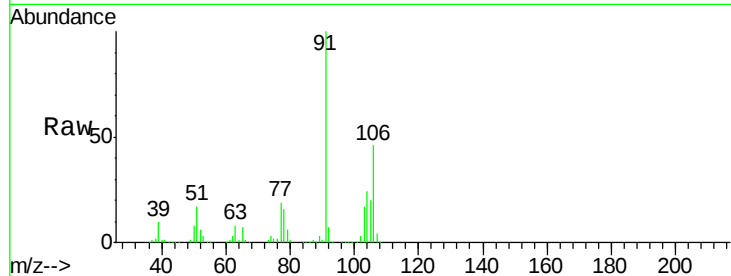
#69
o-Xylene
Concen: 19.476 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion:106 Resp: 74971
Ion Ratio Lower Upper
106 100
91 215.3 108.3 324.9

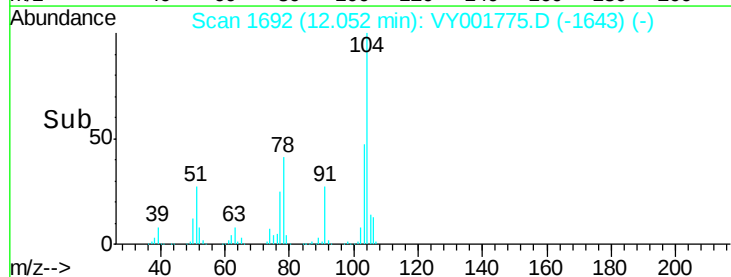
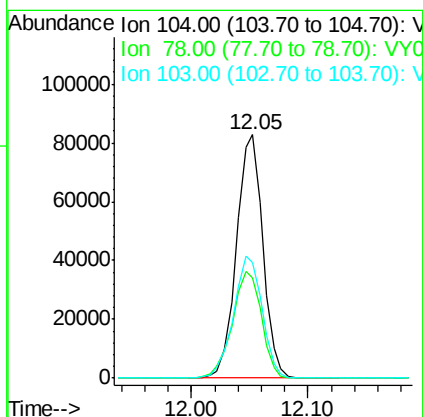
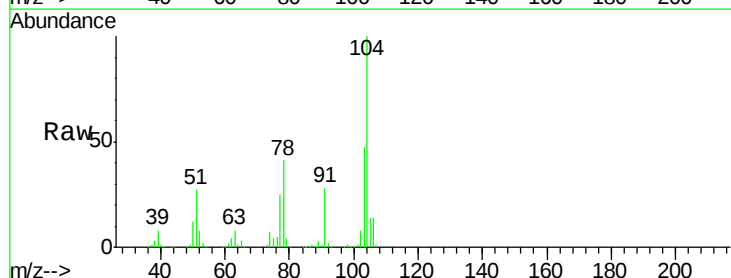
Manual Integrations
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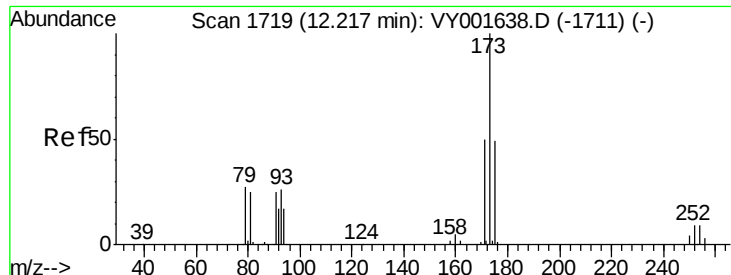
MMDadoda
2/27/2020 10:45:42 AM



#70
Styrene
Concen: 19.494 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion:104 Resp: 130417
Ion Ratio Lower Upper
104 100
78 48.5 39.2 58.8
103 54.3 43.0 64.6





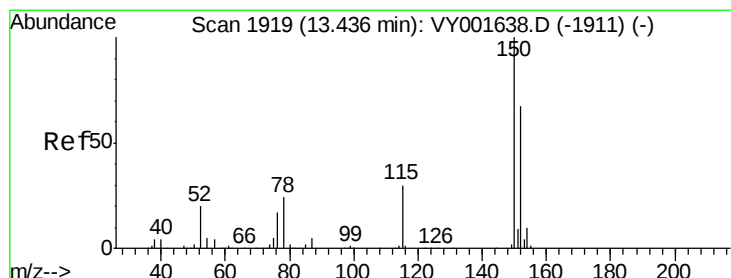
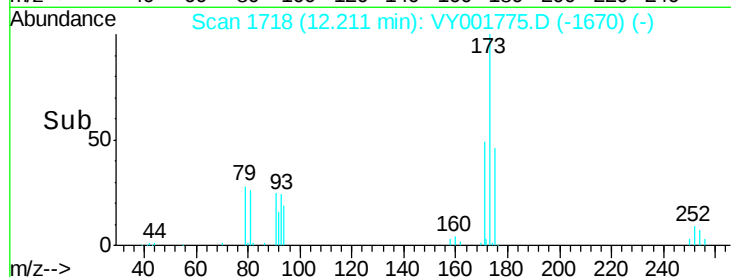
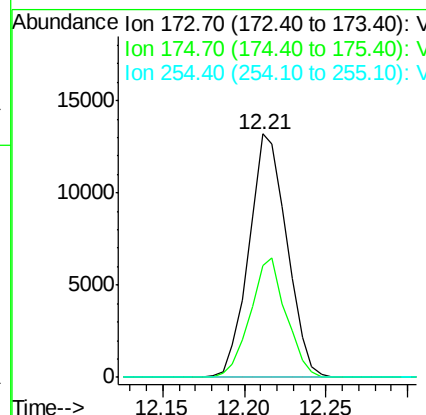
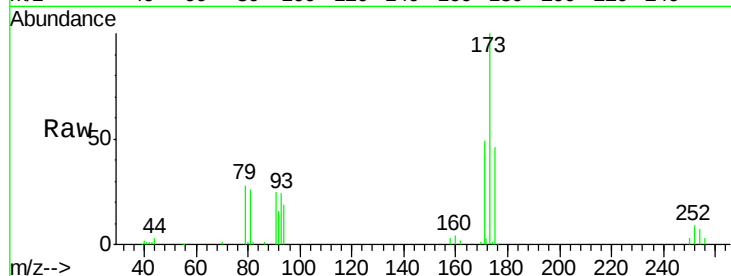
#71
Bromoform
Concen: 18.959 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.3	24.3	73.0
254	0.0	0.1	0.1#

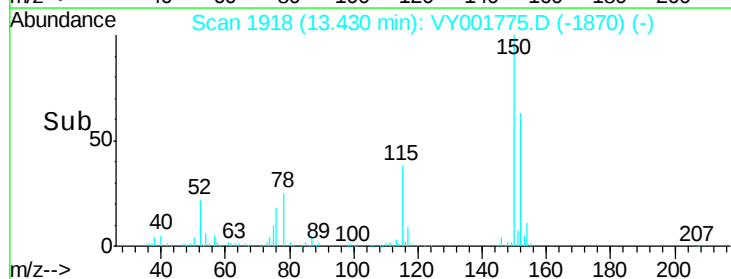
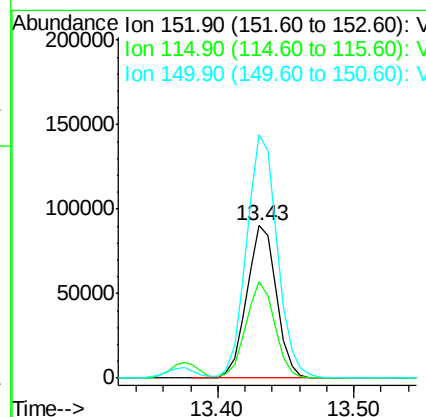
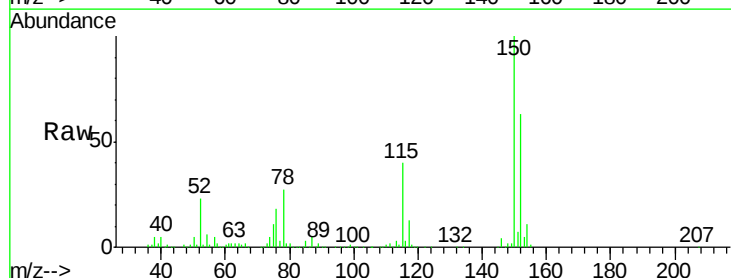
Manual Integrations
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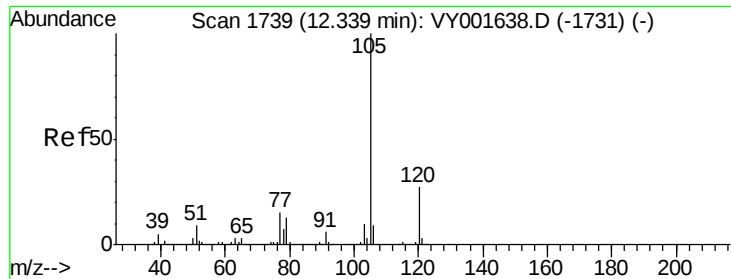
MMDadoda
2/27/2020 10:45:42 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.8	31.4	94.2
150	166.4	0.0	407.2





#73

Isopropylbenzene

Concen: 19.691 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

Tot Ion:105 Resp: 205498

Ion Ratio Lower Upper

105 100

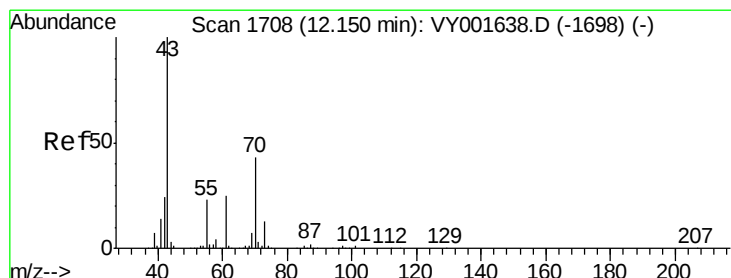
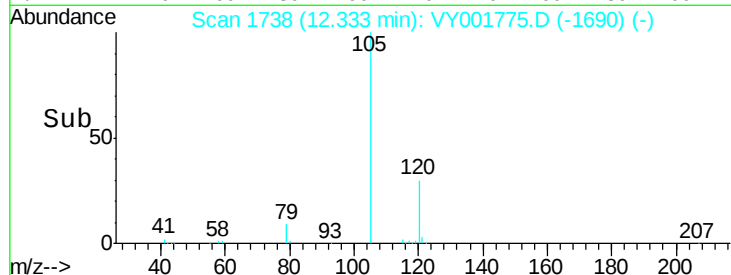
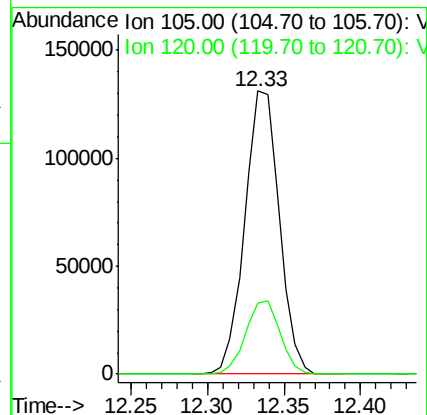
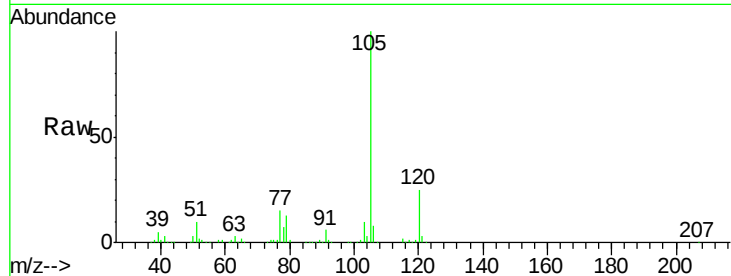
120 25.9 13.4 40.1

Manual Integrations

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MMDadoda

2/27/2020 10:45:42 AM



#74

N-ethyl acetate

Concen: 19.034 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Tgt Ion: 43 Resp: 63395

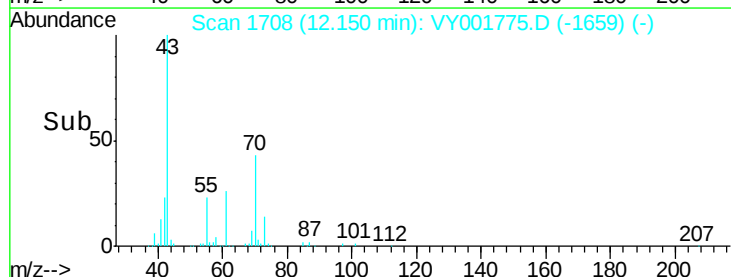
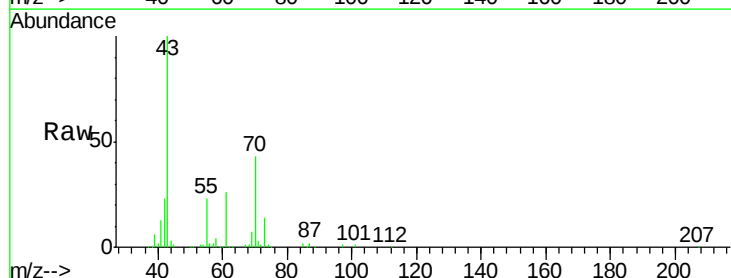
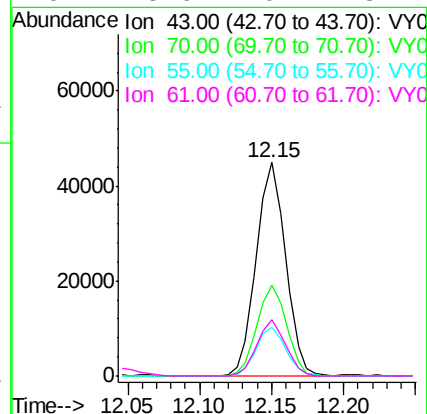
Ion Ratio Lower Upper

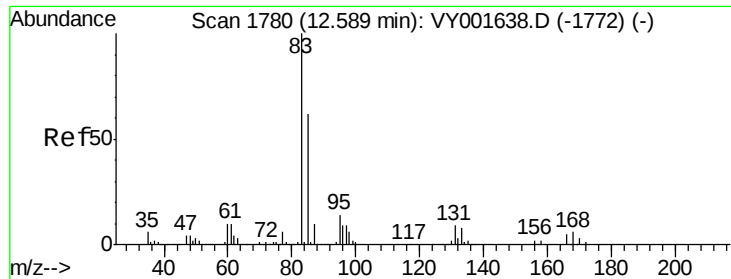
43 100

70 42.7 35.9 53.9

55 23.1 18.3 27.5

61 25.6 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.024 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

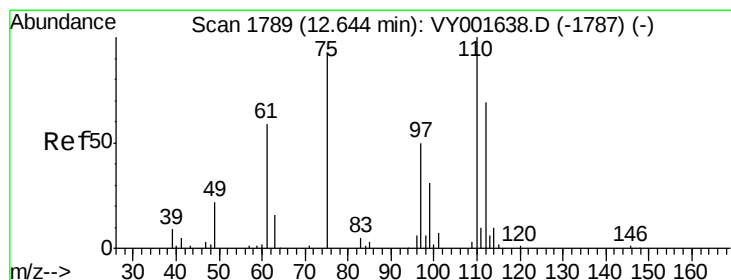
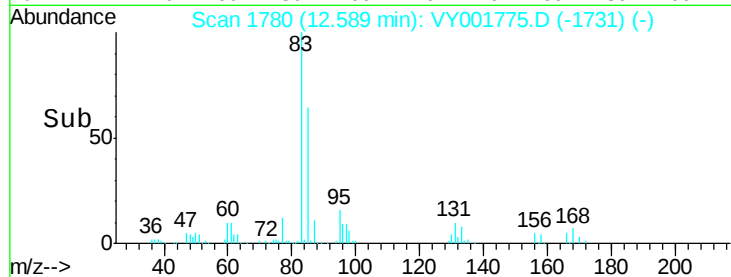
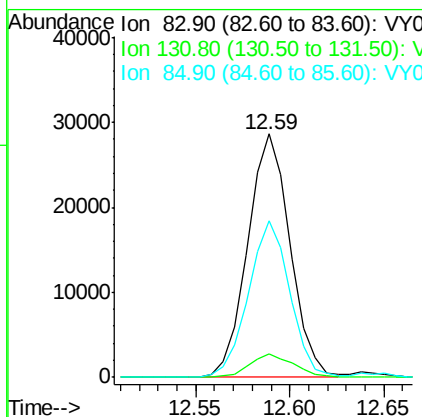
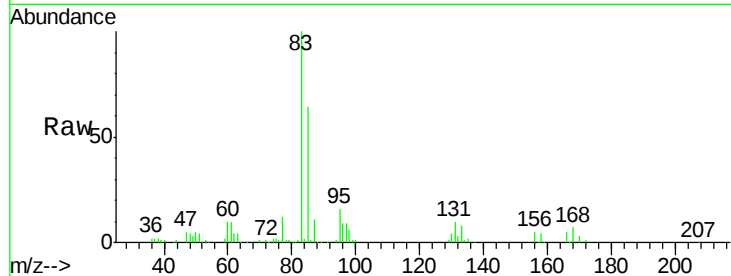
ClientSampleId :

VY0226SBS01

Tot Ion:	83	Resp:	44619
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.7	14.1
85	62.9	31.6	94.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.383 ug/l m

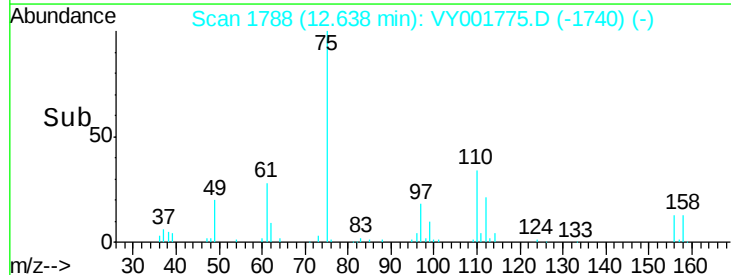
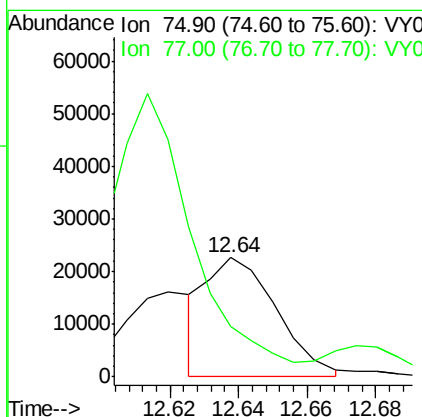
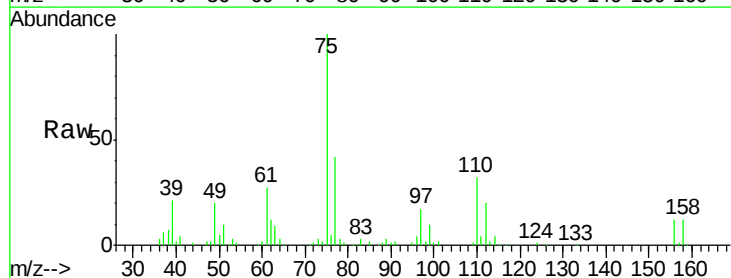
RT: 12.64 min Scan# 1788

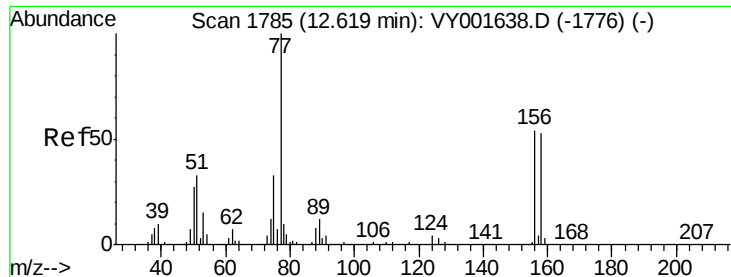
Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Tgt Ion:	75	Resp:	32030
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.628 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

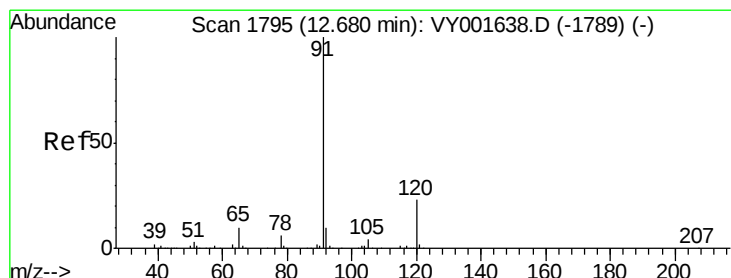
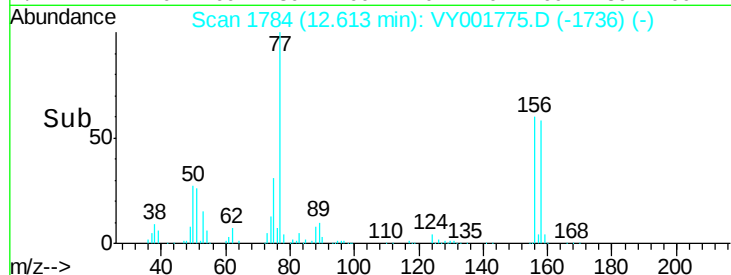
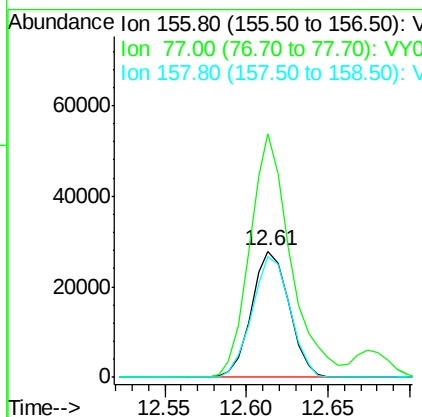
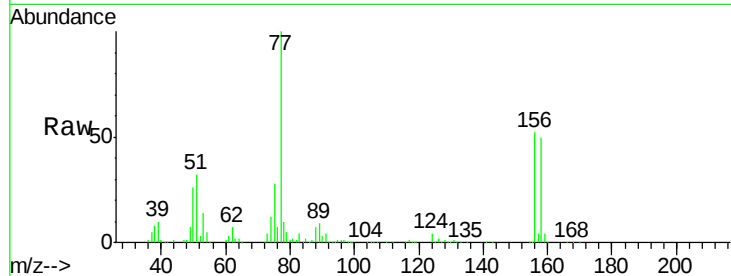
ClientSampleId :

VY0226SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	209.8	110.1	330.1	
158	97.3	47.9	143.7	

Manual Integrations
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MMDadoda
2/27/2020 10:45:42 AM



#78

n-propylbenzene

Concen: 19.917 ug/l

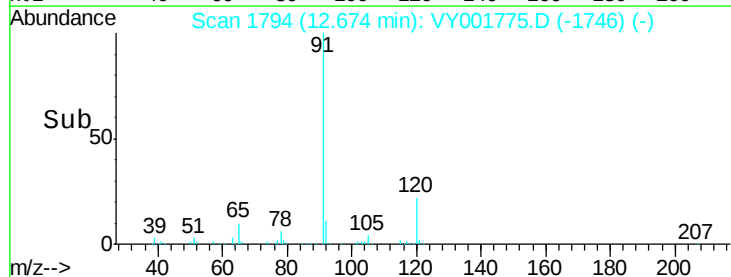
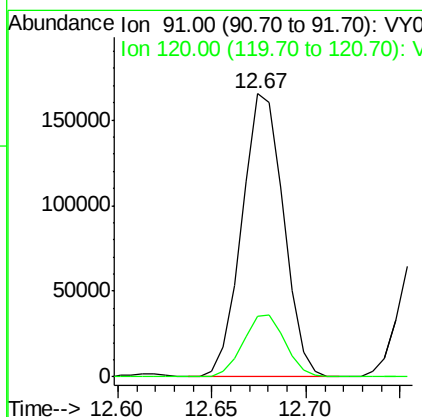
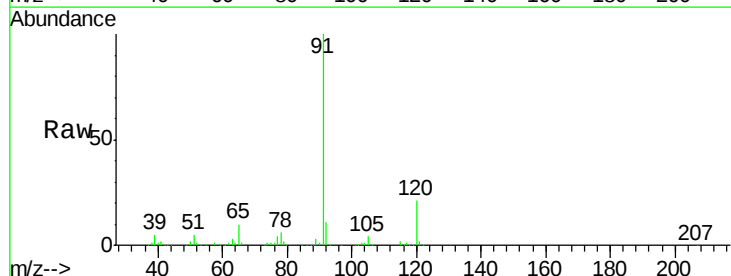
RT: 12.67 min Scan# 1794

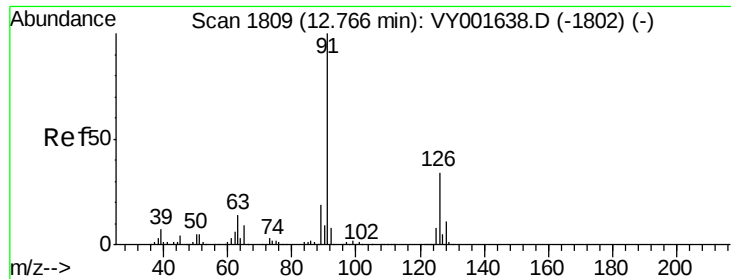
Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	21.9	11.1	33.1	





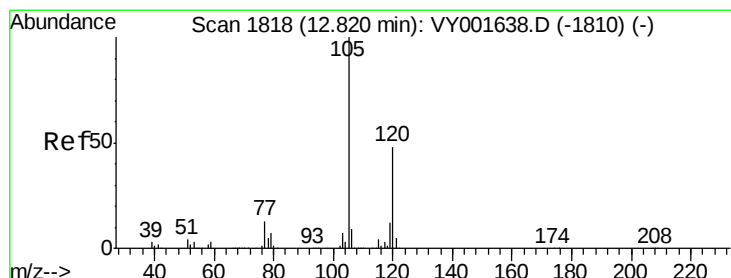
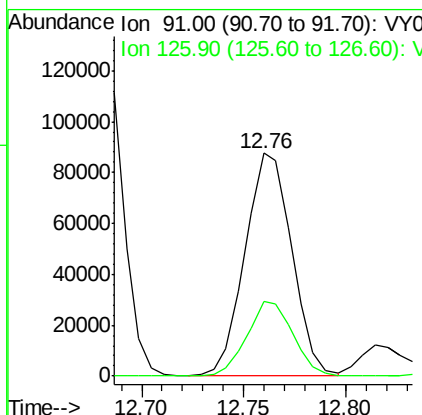
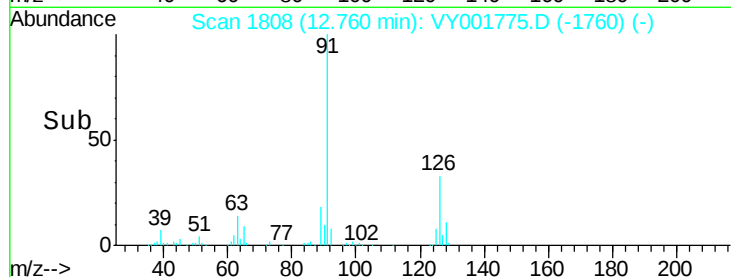
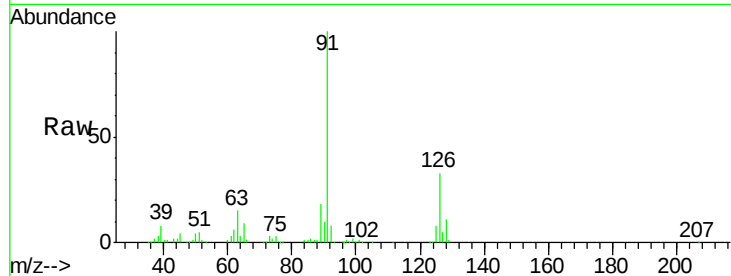
#79
2-Chlorotoluene
Concen: 19.665 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion: 91 Resp: 140181
Ion Ratio Lower Upper
91 100
126 32.9 16.2 48.6

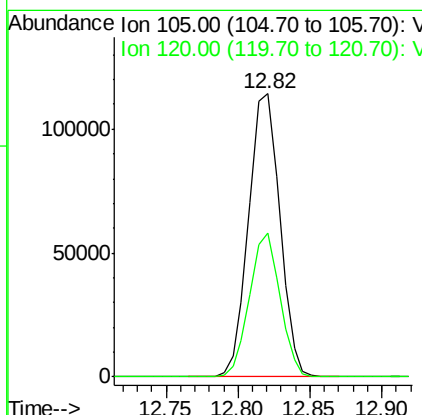
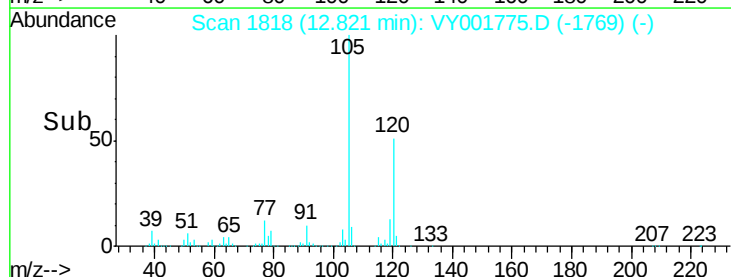
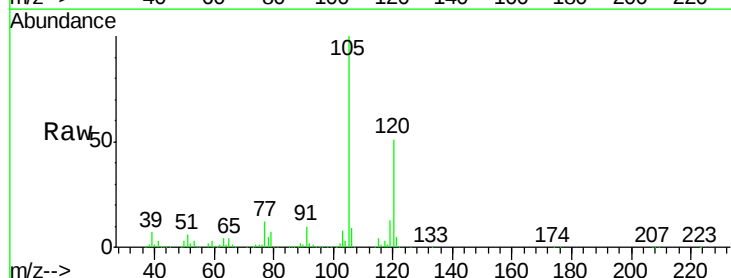
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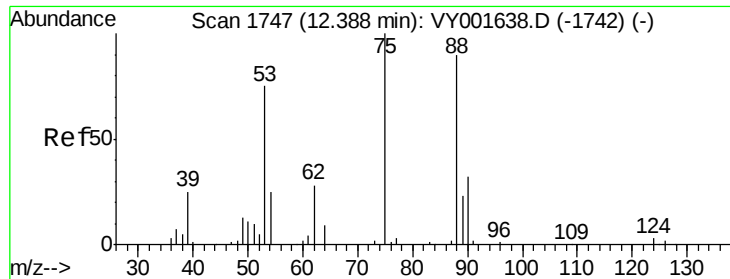
MMDadoda
2/27/2020 10:45:42 AM



#80
1,3,5-Trimethylbenzene
Concen: 19.858 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion: 105 Resp: 171549
Ion Ratio Lower Upper
105 100
120 49.6 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 19.029 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

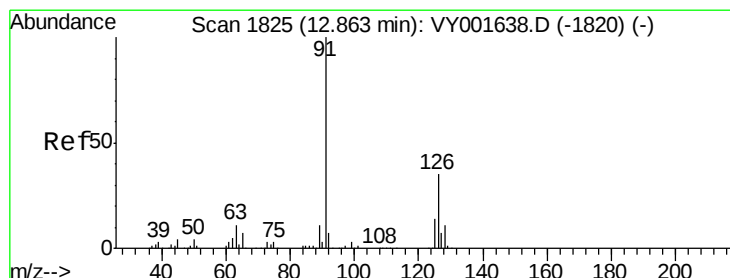
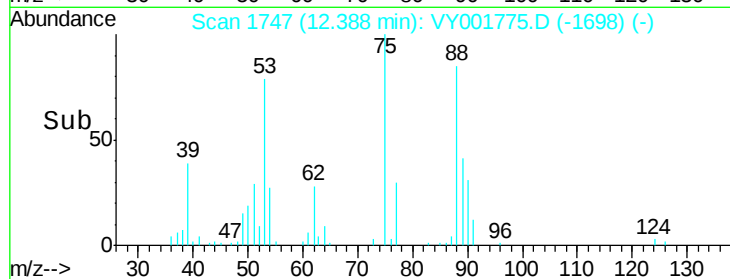
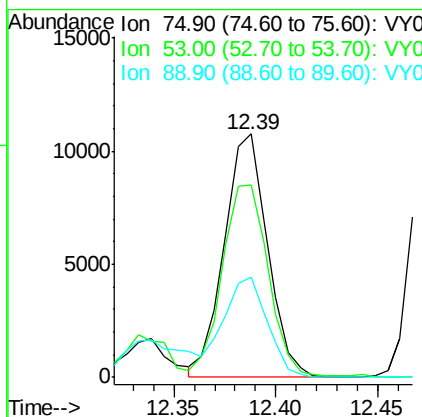
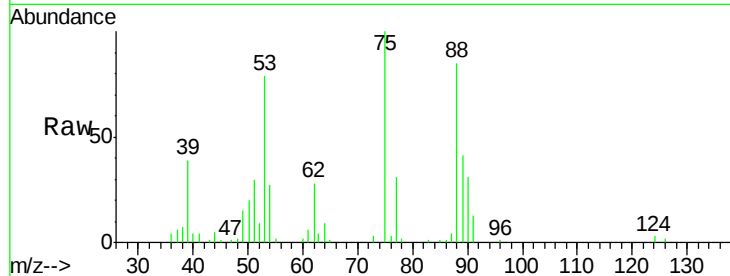
ClientSampleId :

VY0226SBS01

Tot Ion:	75	Resp:	15762
Ion Ratio	Lower	Upper	
75	100		
53	83.4	64.5	96.7
89	41.8	36.3	54.5

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2/27/2020 10:45:42 AM



#82

4-Chlorotoluene

Concen: 19.878 ug/l

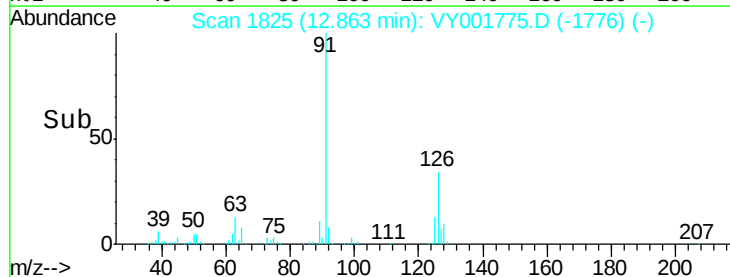
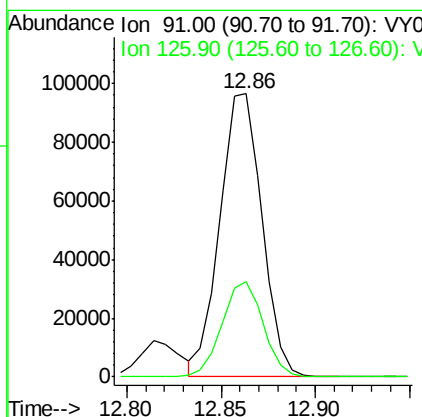
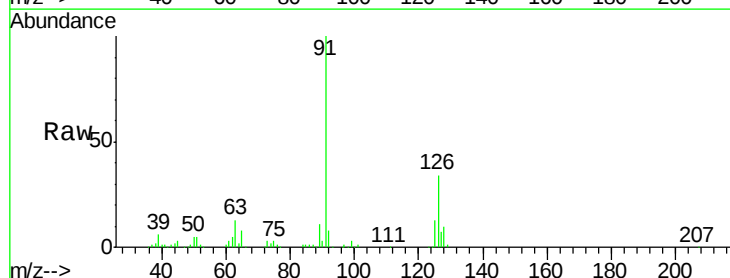
RT: 12.86 min Scan# 1825

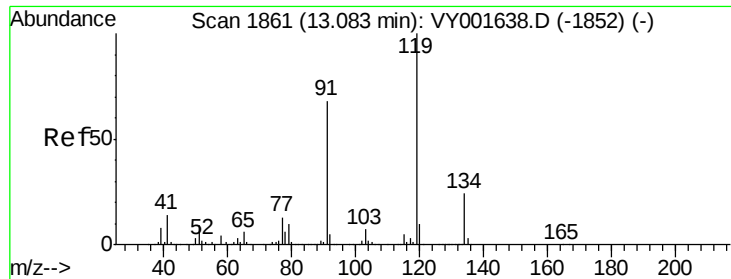
Delta R.T. 0.00 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Tgt Ion:	91	Resp:	149454
Ion Ratio	Lower	Upper	
91	100		
126	32.8	16.2	48.6





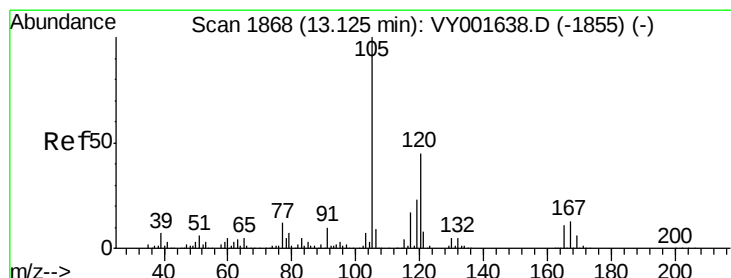
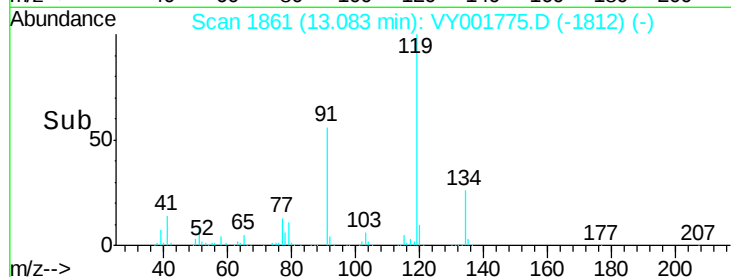
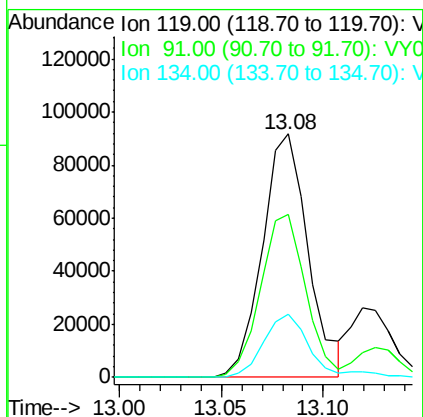
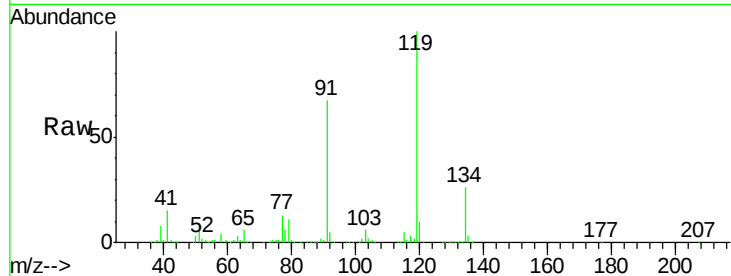
#83
 tert-Butylbenzene
 Concen: 19.892 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.0	33.5	100.5
134	26.6	13.3	39.8

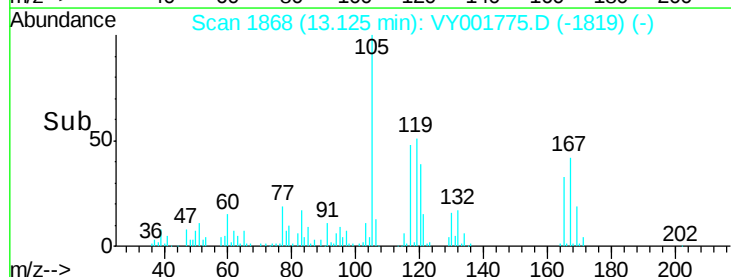
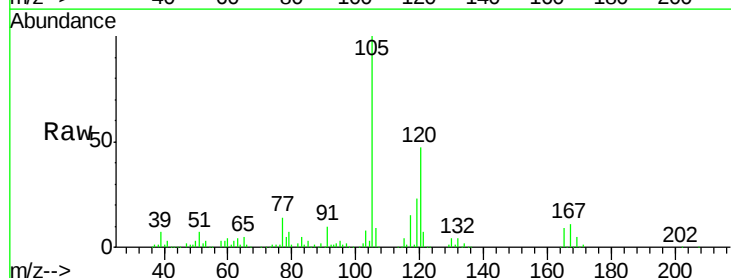
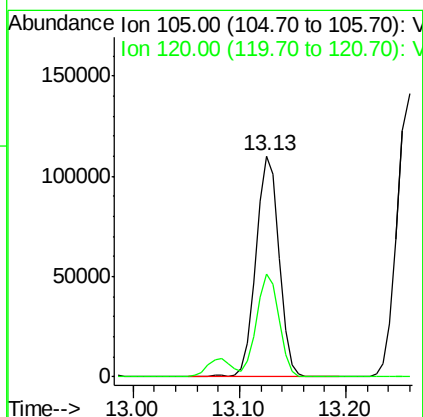
Manual Integrations
 APPROVED

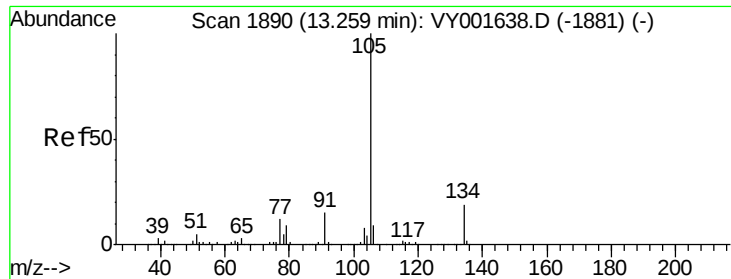
MMDadoda
 2/27/2020 10:45:42 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.566 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.4	67.3





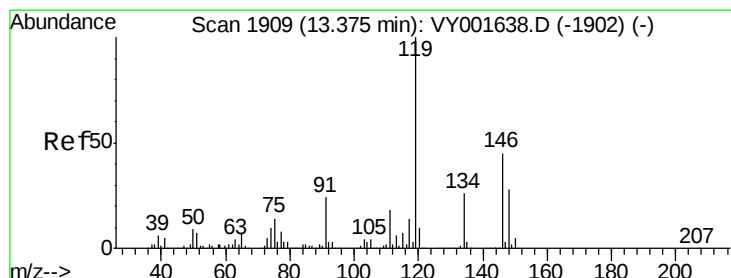
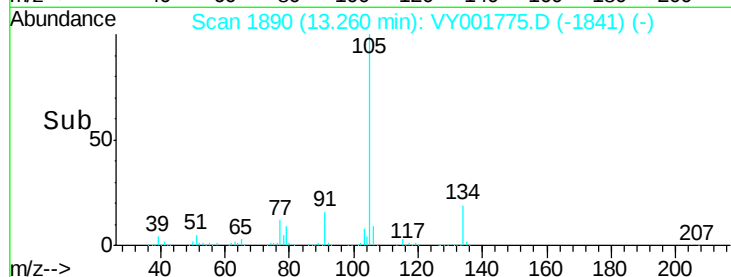
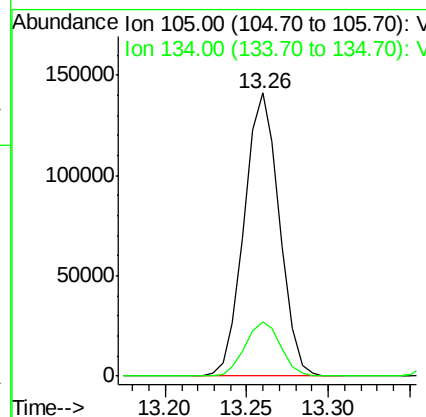
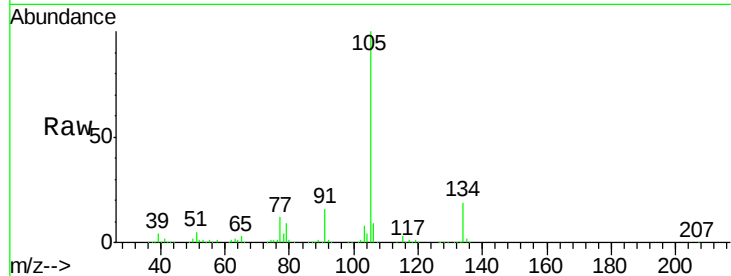
#85
 sec-Butylbenzene
 Concen: 19.989 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	212409		
134	19.4	9.8	29.3	

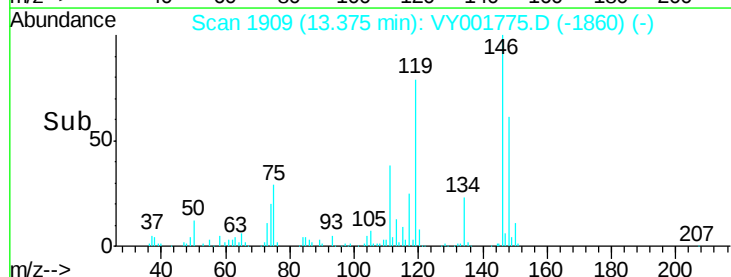
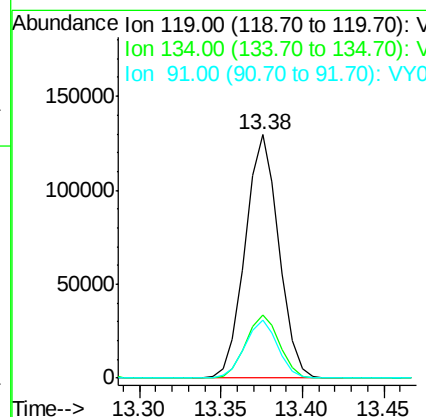
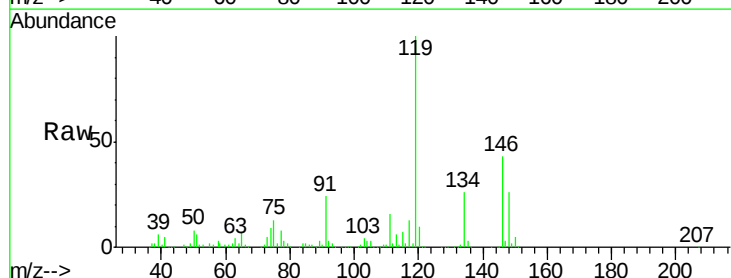
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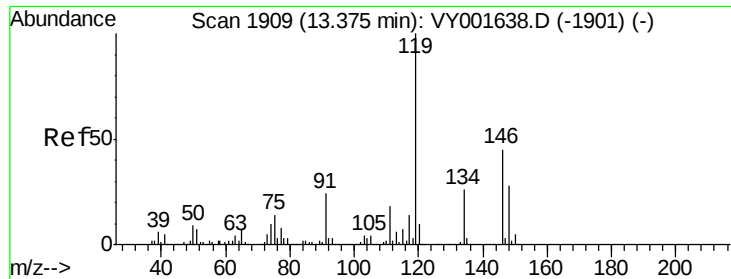
MMDadoda
 2/27/2020 10:45:42 AM



#86
 p-Isopropyltoluene
 Concen: 20.080 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	185362		
134	26.2	13.0	39.0	
91	23.4	12.2	36.6	





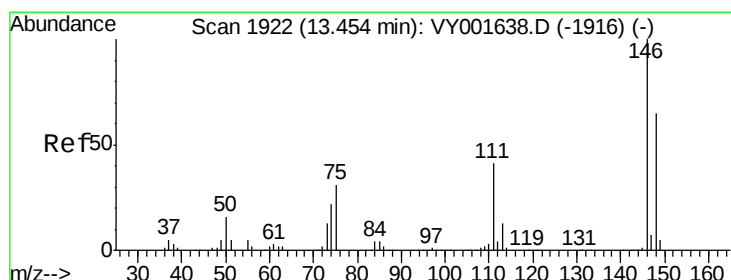
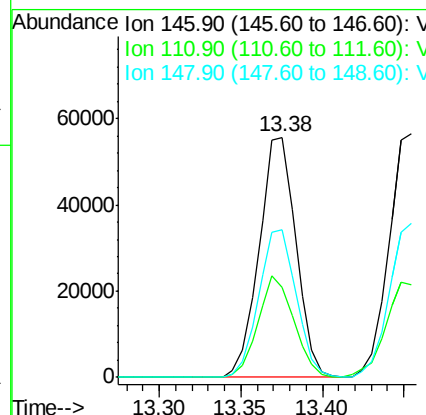
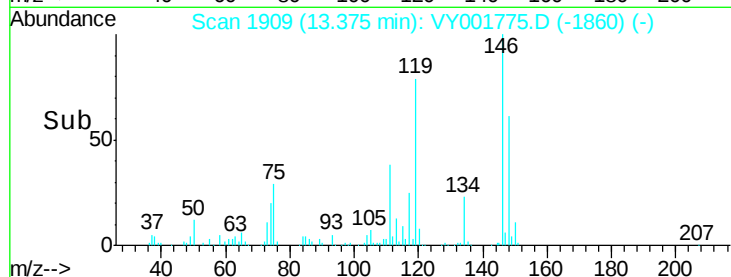
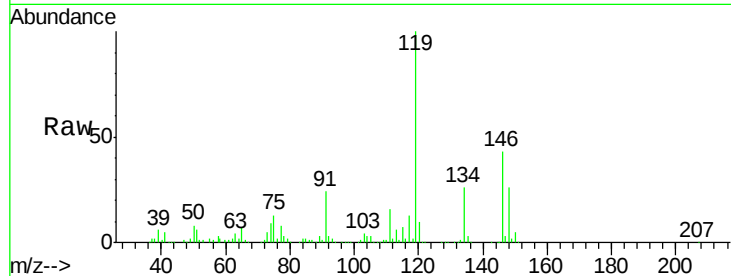
#87
 1,3-Dichlorobenzene
 Concen: 19.987 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.4	64.3
148	62.4	31.6	94.7

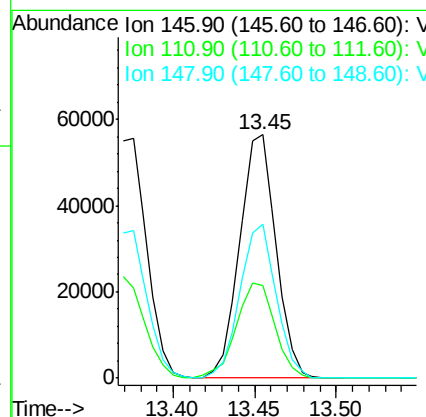
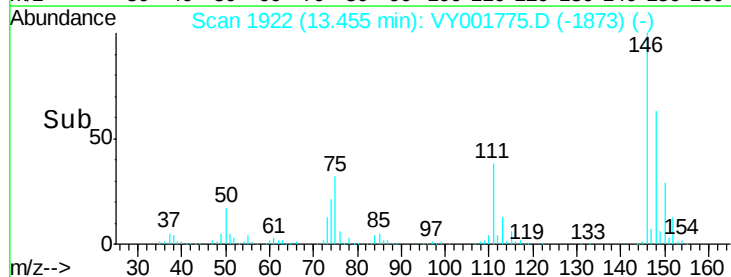
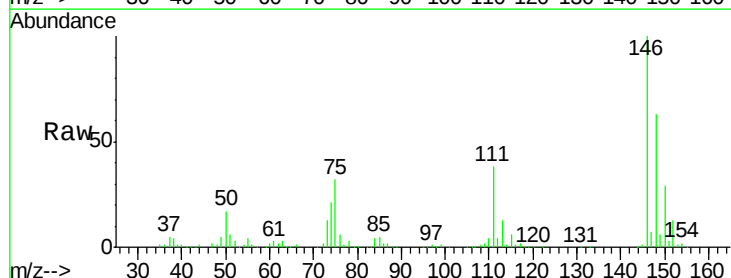
Manual Integrations
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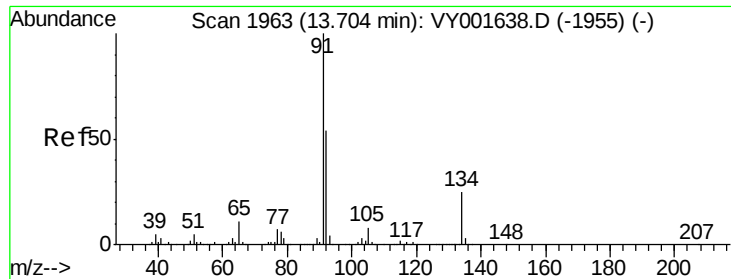
MMDadoda
 2/27/2020 10:45:42 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.716 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.4	61.3
148	63.1	31.6	94.7





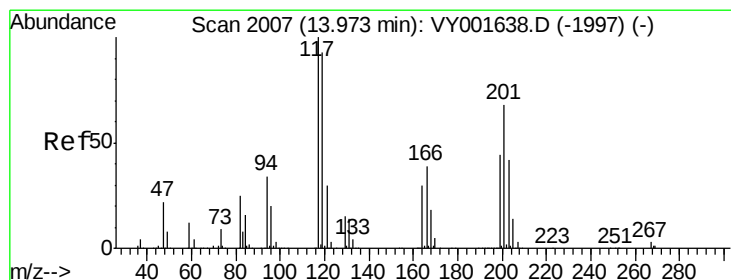
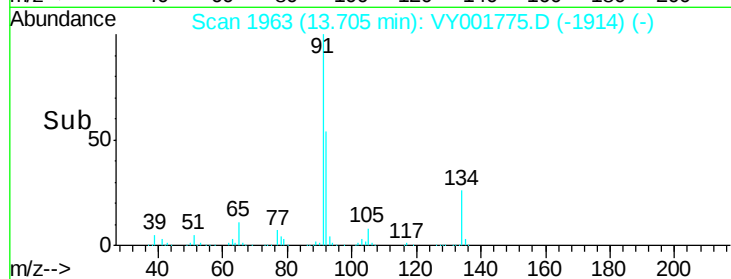
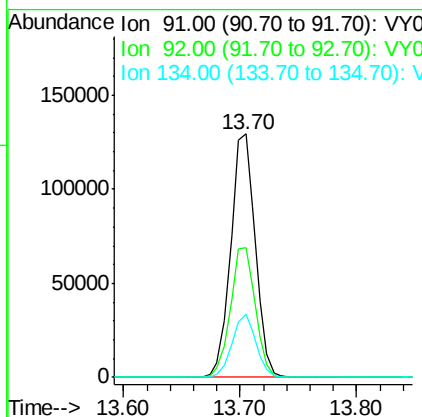
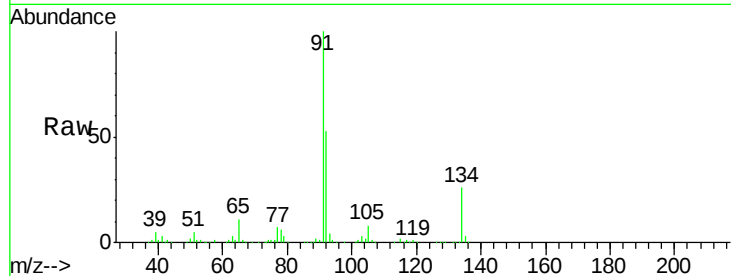
#89
n-Butylbenzene
Concen: 20.118 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	189770		
92	54.1		27.5	82.4
134	25.2		12.4	37.4

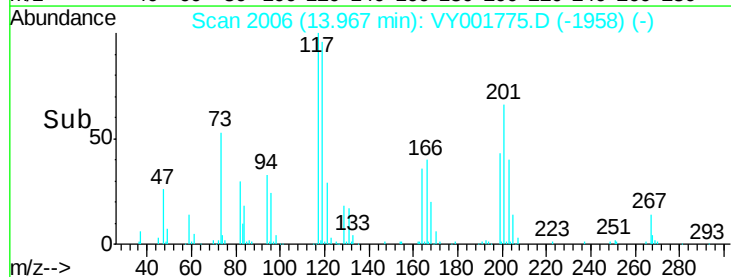
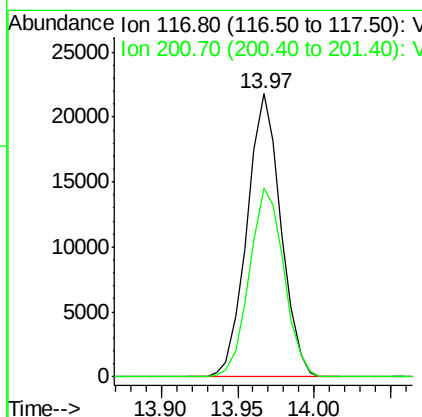
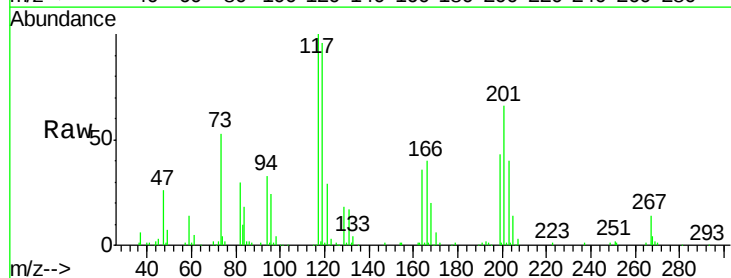
Manual Integrations
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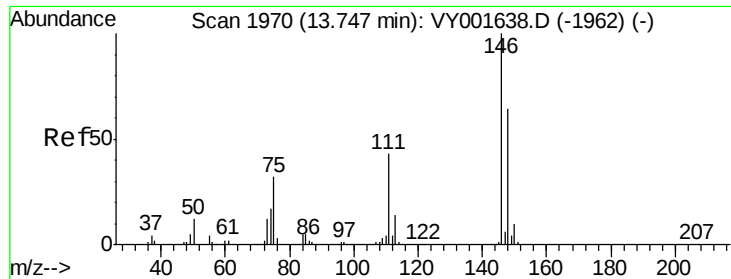
MMDadoda
2/27/2020 10:45:42 AM



#90
Hexachloroethane
Concen: 19.299 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	33567		
201	68.3		32.5	97.4





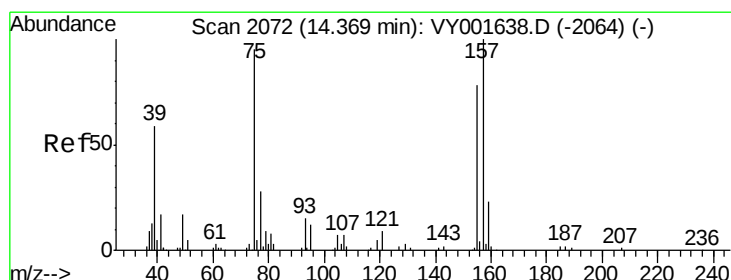
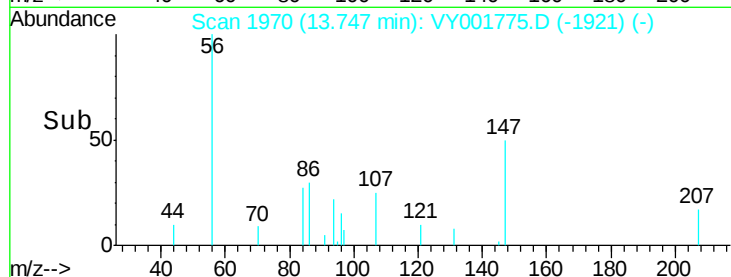
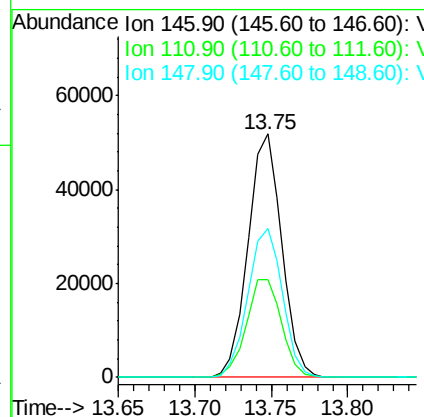
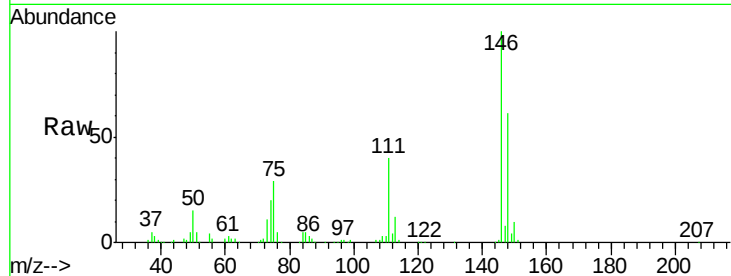
#91
 1,2-Dichlorobenzene
 Concen: 19.606 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.9	65.7
148	62.8	31.5	94.5

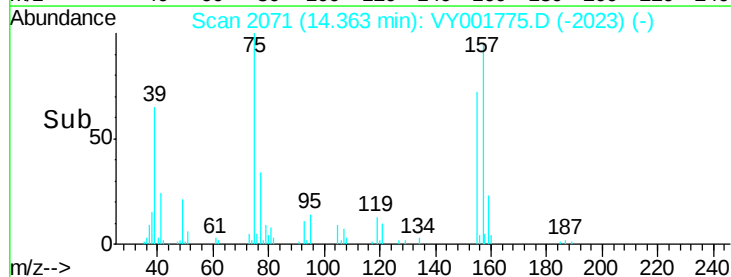
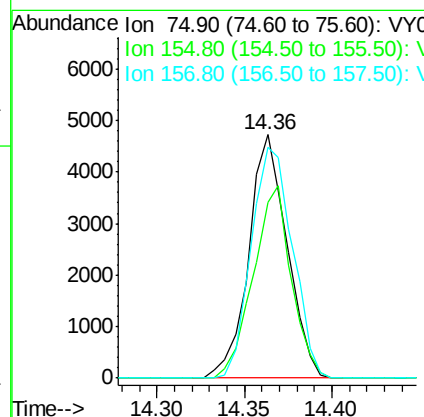
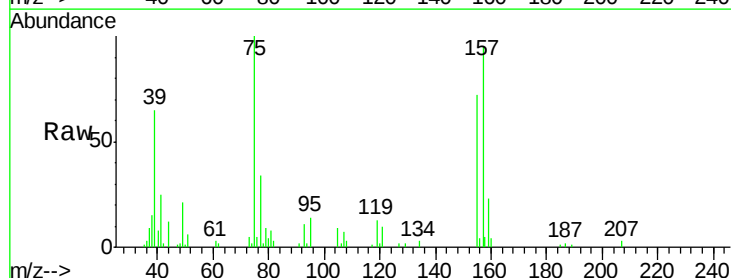
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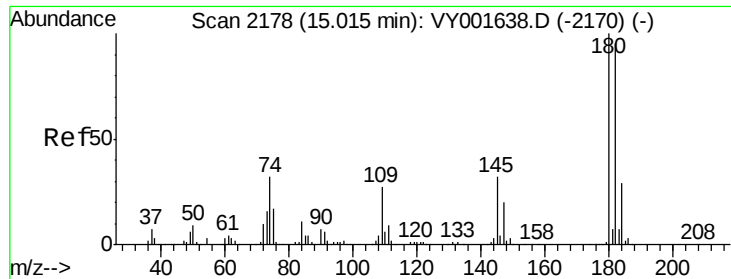
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 2/27/2020 10:45:42 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.538 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.7	40.8	122.4
157	102.4	52.1	156.4





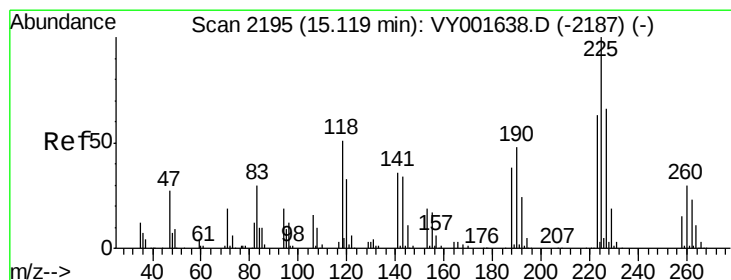
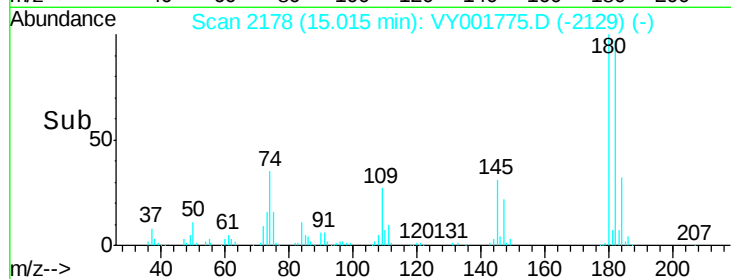
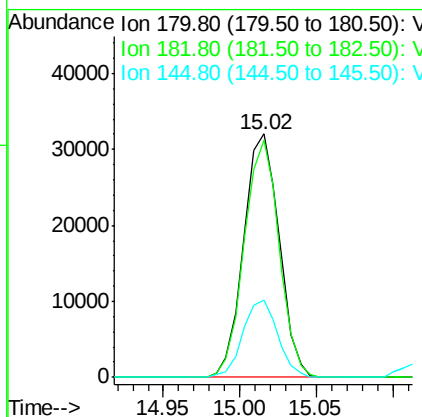
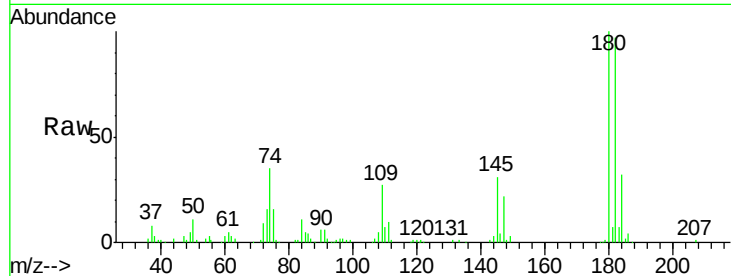
#93
 1,2,4-Trichlorobenzene
 Concen: 19.312 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.8	140.3
145	31.0	16.2	48.5

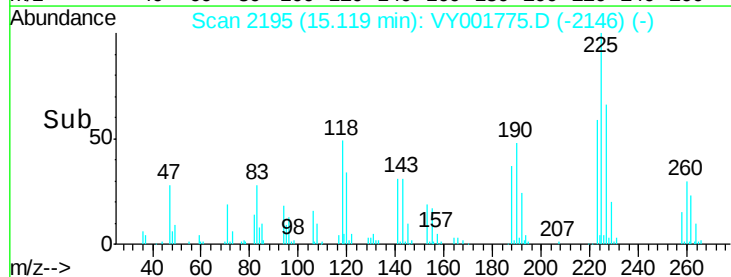
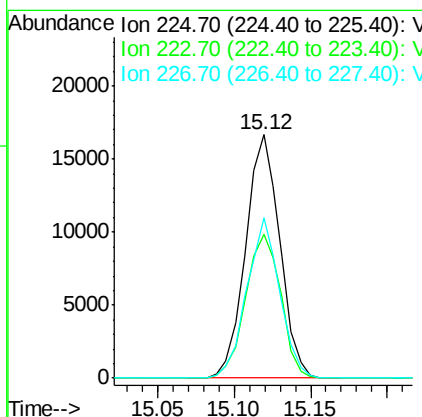
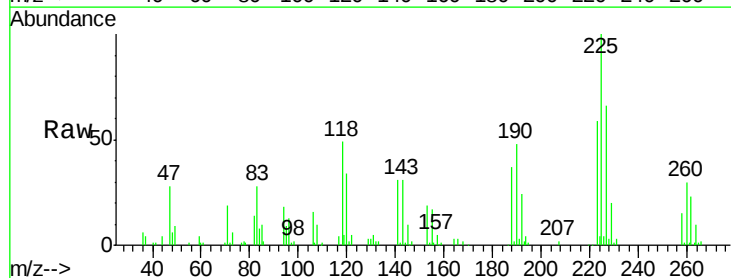
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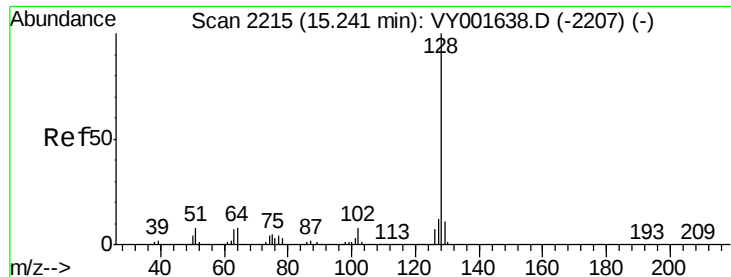
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 2/27/2020 10:45:42 AM



#94
 Hexachlorobutadiene
 Concen: 19.367 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	31.4	94.0
227	63.3	31.6	94.8





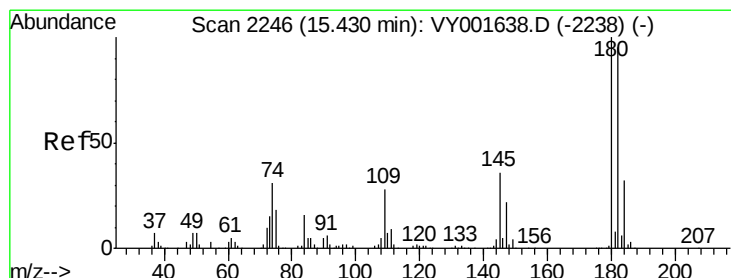
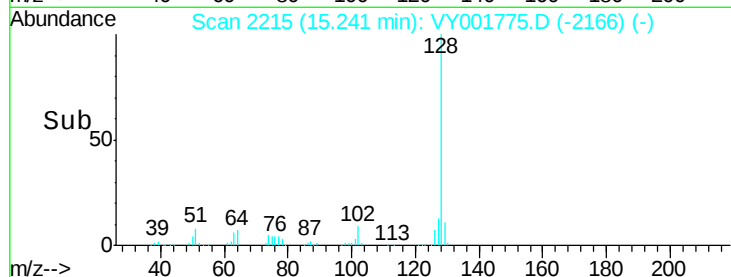
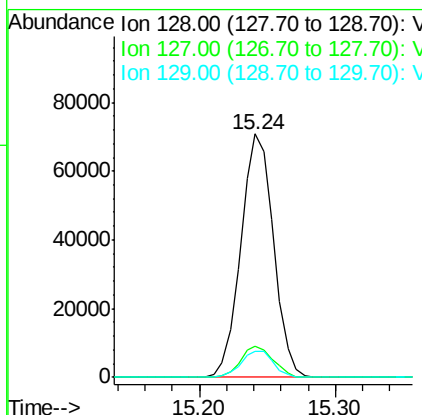
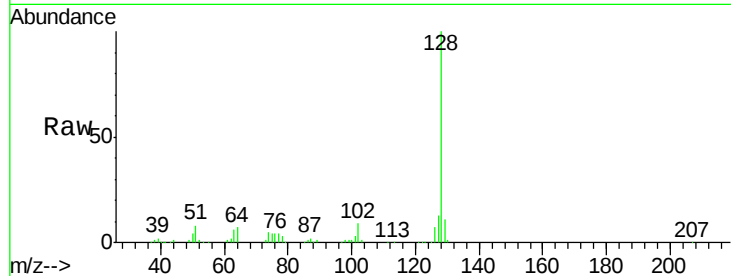
#95
Naphthalene
Concen: 19.200 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	118783		
127	12.7		9.9	14.9
129	10.7		8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.734 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	46584		
182	92.0		47.2	141.6
145	33.2		17.3	52.0

