

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030220\
 Data File : VY001812.D
 Acq On : 02 Mar 2020 12:06
 Operator : SY/MD
 Sample : VY0302SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/3/2020 11:11:42 AM

Quant Time: Mar 02 13:52:09 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	7.82	168	174264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	311433	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	281311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	134076	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	89057	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
35) Dibromofluoromethane	7.74	113	84747	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
50) Toluene-d8	10.19	98	348223	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.49	95	125189	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	28006	16.487	ug/l	99
3) Chloromethane	2.13	50	40910	17.905	ug/l	95
4) Vinyl Chloride	2.26	62	40005	17.359	ug/l	100
5) Bromomethane	2.66	94	26894	18.673	ug/l	97
6) Chloroethane	2.81	64	25511	17.964	ug/l	96
7) Trichlorofluoromethane	3.15	101	56923	19.300	ug/l	99
8) Diethyl Ether	3.55	74	22741	19.558	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.93	101	36989	19.953	ug/l	100
10) Methyl Iodide	4.11	142	41416	18.254	ug/l	99
11) Tert butyl alcohol	4.99	59	22262	85.892	ug/l #	85
12) 1,1-Dichloroethene	3.90	96	36340	19.219	ug/l	94
13) Acrolein	3.75	56	13546	71.554	ug/l	98
14) Allyl chloride	4.51	41	65150	19.361	ug/l	99
15) Acrylonitrile	5.20	53	60830	102.066	ug/l	100
16) Acetone	3.97	43	53111	81.887	ug/l	98
17) Carbon Disulfide	4.22	76	109804	17.395	ug/l	99
18) Methyl Acetate	4.50	43	31296	22.157	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	102912	19.549	ug/l	96
20) Methylene Chloride	4.75	84	47623	20.672	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	41285	19.138	ug/l	98
22) Diisopropyl ether	6.15	45	136194	19.708	ug/l	94
23) Vinyl Acetate	6.09	43	423054	93.851	ug/l	100
24) 1,1-Dichloroethane	6.05	63	73969	20.027	ug/l	99
25) 2-Butanone	7.02	43	80050	90.855	ug/l	97
26) 2,2-Dichloropropane	7.01	77	60787	18.916	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	46545	19.547	ug/l	99
28) Bromochloromethane	7.36	49	29045	18.878	ug/l	99
29) Tetrahydrofuran	7.37	42	51702	97.085	ug/l	99
30) Chloroform	7.53	83	70509	19.537	ug/l	97
31) Cyclohexane	7.81	56	73757	18.729	ug/l	94
32) 1,1,1-Trichloroethane	7.73	97	57282	18.885	ug/l	97
36) 1,1-Dichloropropene	7.94	75	56564	19.014	ug/l	99
37) Ethyl Acetate	7.10	43	33472	18.852	ug/l	99
38) Carbon Tetrachloride	7.92	117	49565	18.969	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	74386	18.848	ug/l	98
40) Benzene	8.18	78	172327	19.697	ug/l	100
41) Methacrylonitrile	7.35	41	17207m	19.301	ug/l	
42) 1,2-Dichloroethane	8.26	62	45136	18.937	ug/l	98
43) Isopropyl Acetate	8.29	43	64651	19.191	ug/l	99
44) Trichloroethene	8.96	130	42195	19.320	ug/l	99
45) 1,2-Dichloropropane	9.23	63	44307	20.221	ug/l	97
46) Dibromomethane	9.32	93	22118	19.300	ug/l	98
47) Bromodichloromethane	9.51	83	53488	19.338	ug/l	99
48) Methyl methacrylate	9.31	41	28153	18.478	ug/l	94
49) 1,4-Dioxane	9.32	88	6173	381.367	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	167373	96.700	ug/l	100
52) Toluene	10.25	92	106225	19.464	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	58725	19.205	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	68308	19.410	ug/l	96
55) 1,1,2-Trichloroethane	10.66	97	33834	20.022	ug/l	98
56) Ethyl methacrylate	10.52	69	48091	18.970	ug/l	99
57) 1,3-Dichloropropane	10.80	76	59281	19.743	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	128386	125.111	ug/l	98
59) 2-Hexanone	10.84	43	118481	91.232	ug/l	99
60) Dibromochloromethane	10.99	129	35800	19.215	ug/l	99
61) 1,2-Dibromoethane	11.10	107	30756	19.249	ug/l	98
64) Tetrachloroethene	10.73	164	33927	19.212	ug/l	98
65) Chlorobenzene	11.52	112	109374	19.474	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	36488	19.259	ug/l	98
67) Ethyl Benzene	11.60	91	202819	19.460	ug/l	99
68) m/p-Xylenes	11.70	106	152533	39.178	ug/l	99
69) o-Xylene	12.03	106	71841	19.409	ug/l	98
70) Styrene	12.05	104	124138	19.298	ug/l	99
71) Bromoform	12.22	173	19756	18.247	ug/l #	99
73) Isopropylbenzene	12.33	105	193568	18.951	ug/l	100
74) N-amyl acetate	12.15	43	60345	18.512	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	42011	19.263	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	28917m	18.801	ug/l	
77) Bromobenzene	12.61	156	42257	19.084	ug/l	96
78) n-propylbenzene	12.67	91	241704	19.430	ug/l	99
79) 2-Chlorotoluene	12.76	91	133272	19.101	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	162211	19.185	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	15052	18.567	ug/l	93
82) 4-Chlorotoluene	12.86	91	140392	19.078	ug/l	98
83) tert-Butylbenzene	13.08	119	140388	19.853	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	162035	19.223	ug/l	99
85) sec-Butylbenzene	13.26	105	201988	19.421	ug/l	99
86) p-Isopropyltoluene	13.38	119	175703	19.447	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	82975	19.322	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	83604	19.260	ug/l	99
89) n-Butylbenzene	13.70	91	184952	20.033	ug/l	99
90) Hexachloroethane	13.97	117	32314	18.982	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	75151	18.963	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6446	17.909	ug/l	98

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MSVOA_Y
ClientSampleId :
VY0302SBSD01

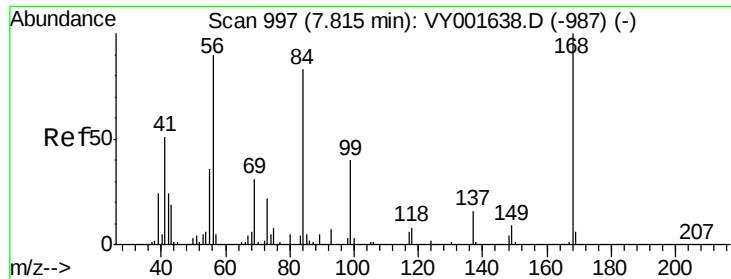
Manual Integrations
APPROVED

MMDadoda
3/3/2020 11:11:42 AM

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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)
93) 1,2,4-Trichlorobenzene	15.02	180	49642	18.902	ug/l	99
94) Hexachlorobutadiene	15.12	225	25135	19.245	ug/l	100
95) Naphthalene	15.24	128	114819	18.962	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	44281	19.166	ug/l	99

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



#1

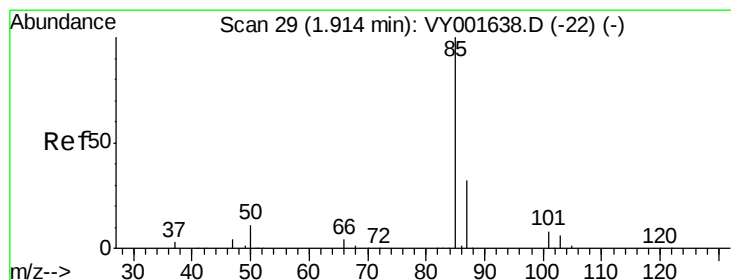
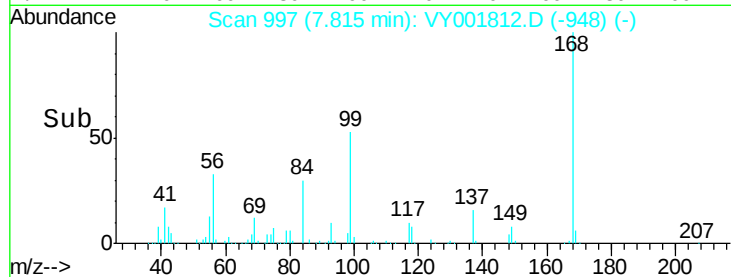
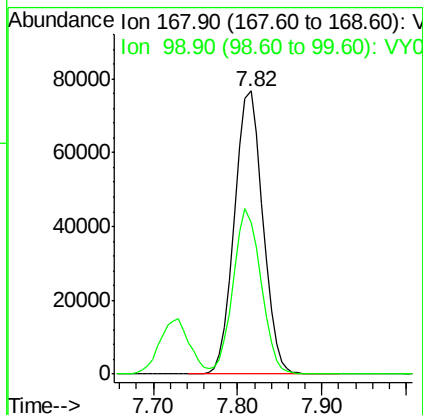
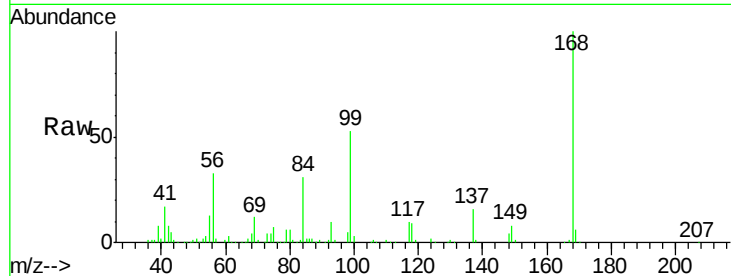
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: VY001812.D
 Acq: 02 Mar 2020 12:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	53.5	47.5	71.3

Manual Integrations
 APPROVED

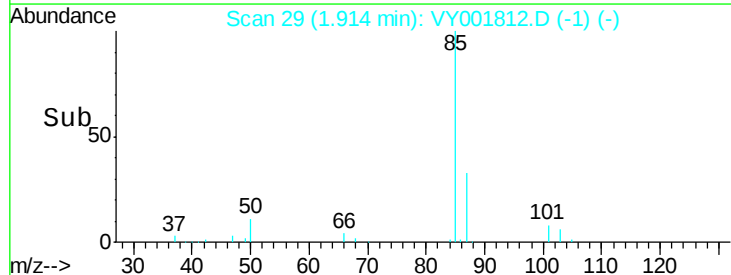
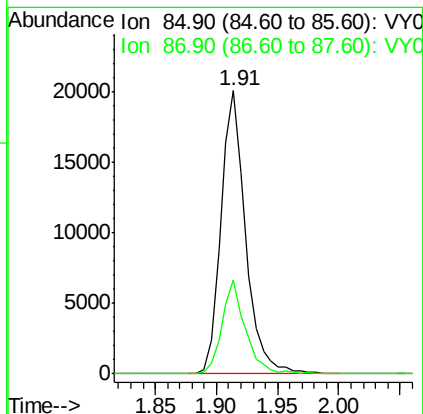
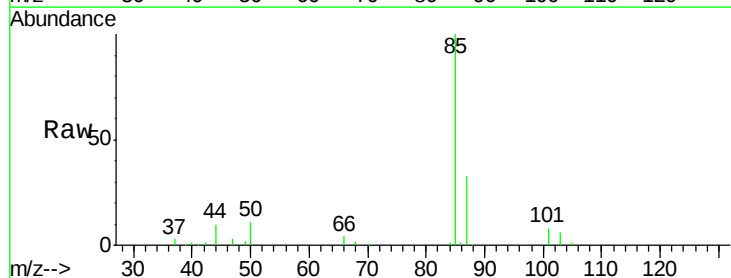
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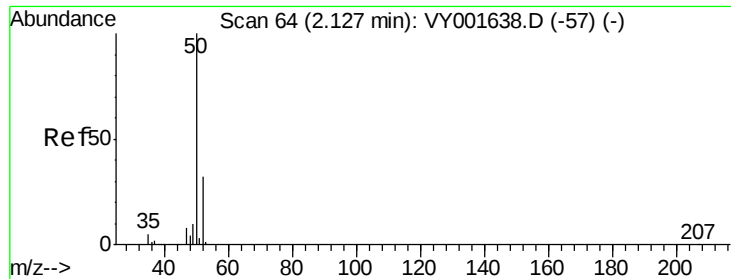


#2

Dichlorodifluoromethane
 Concen: 16.487 ug/l
 RT: 1.91 min Scan# 29
 Delta R.T. 0.00 min
 Lab File: VY001812.D
 Acq: 02 Mar 2020 12:06

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.2	16.2	48.6





#3

Chloromethane

Concen: 17.905 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBSD01

Tot Ion: 50 Resp: 40910

Ion Ratio Lower Upper

50 100

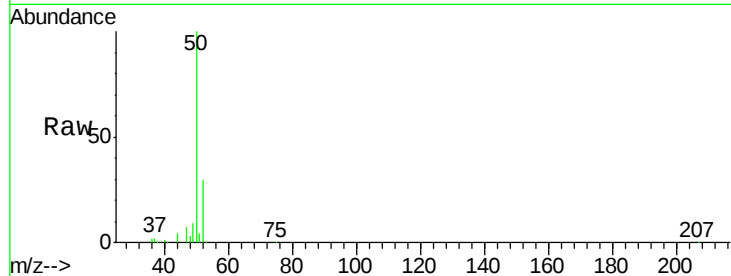
52 29.7 25.8 38.6

Manual Integrations

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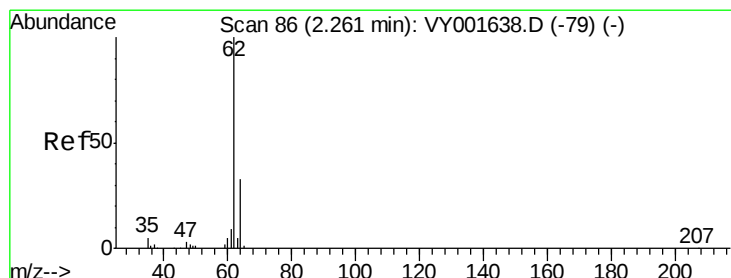
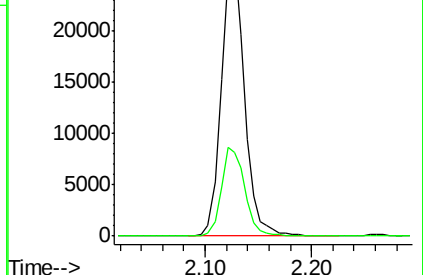
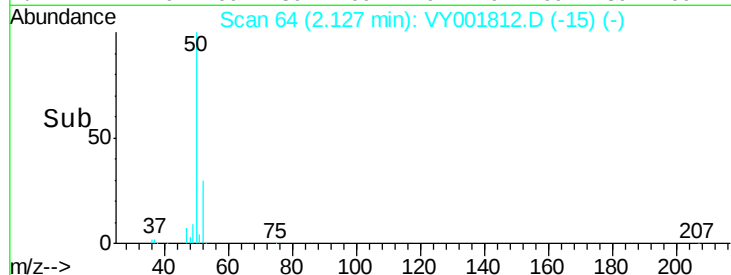


Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.13

Time-->



#4

Vinyl Chloride

Concen: 17.359 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001812.D

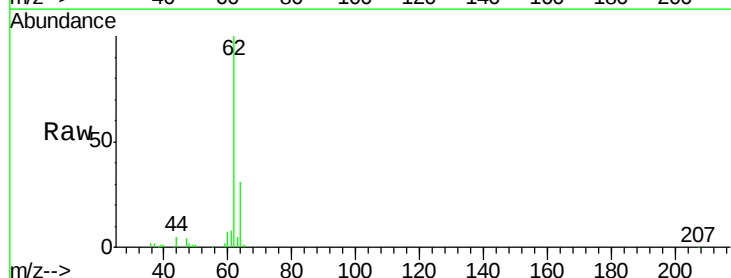
Acq: 02 Mar 2020 12:06

Tgt Ion: 62 Resp: 40005

Ion Ratio Lower Upper

62 100

64 31.3 24.9 37.3

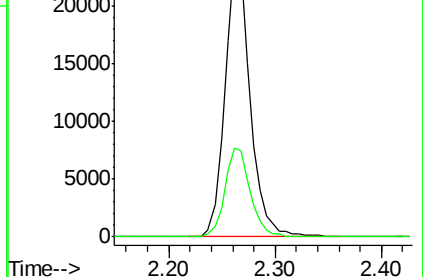
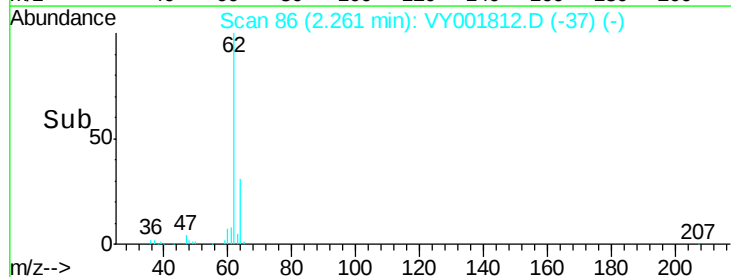


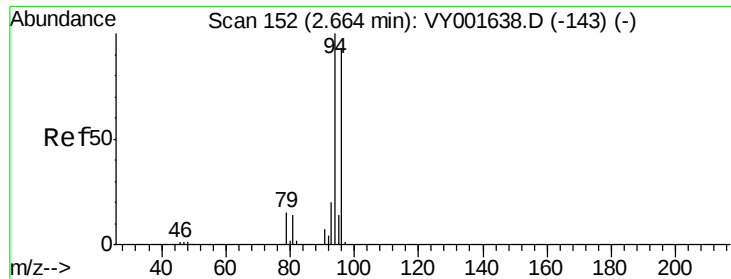
Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

Time-->





#5

Bromomethane

Concen: 18.673 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBSD01

Tot Ion: 94 Resp: 26894

Ion Ratio Lower Upper

94 100

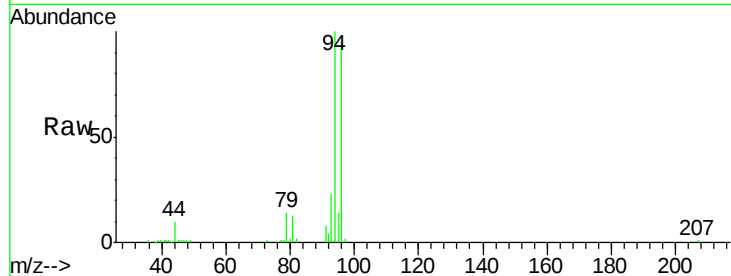
96 94.5 73.7 110.5

Manual Integrations

APPROVED

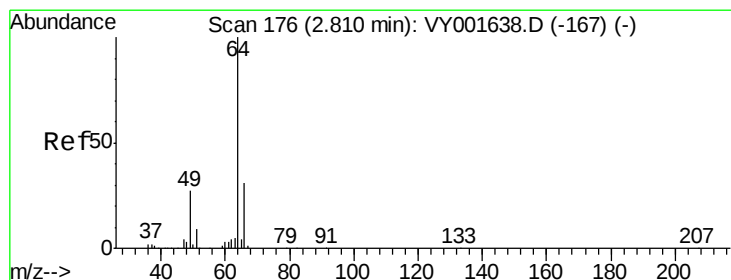
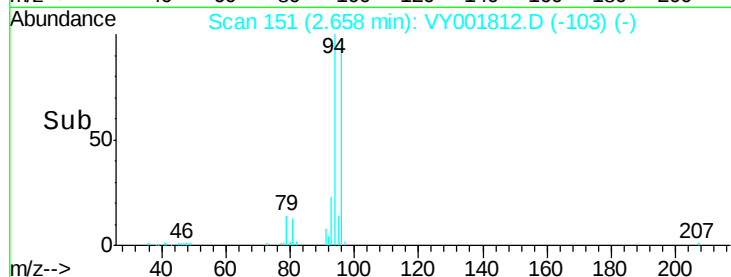
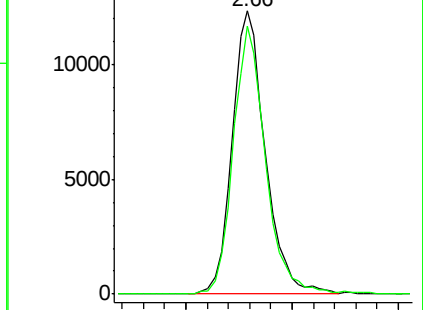
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 17.964 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001812.D

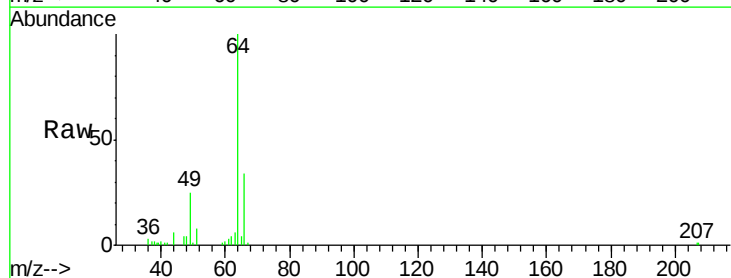
Acq: 02 Mar 2020 12:06

Tgt Ion: 64 Resp: 25511

Ion Ratio Lower Upper

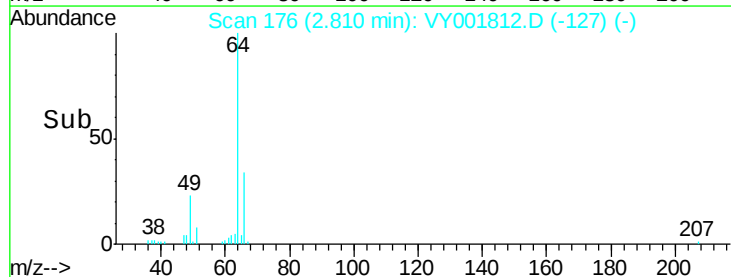
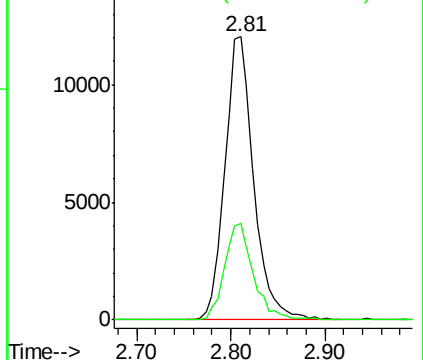
64 100

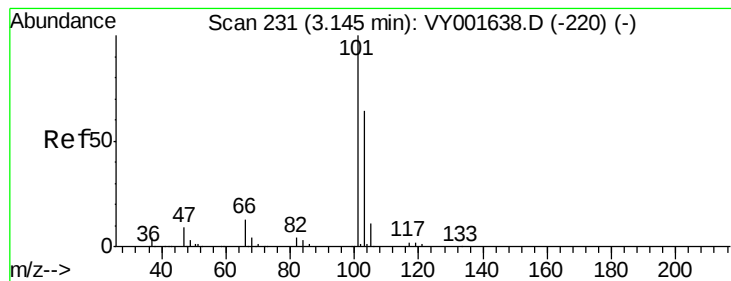
66 34.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

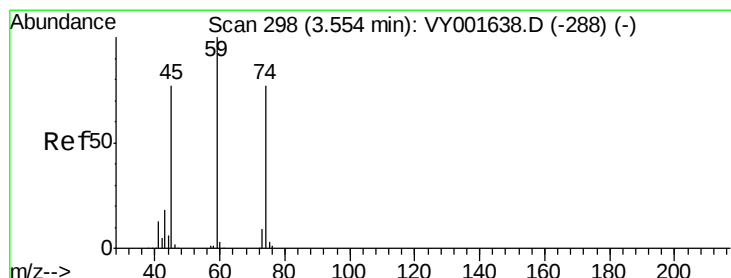
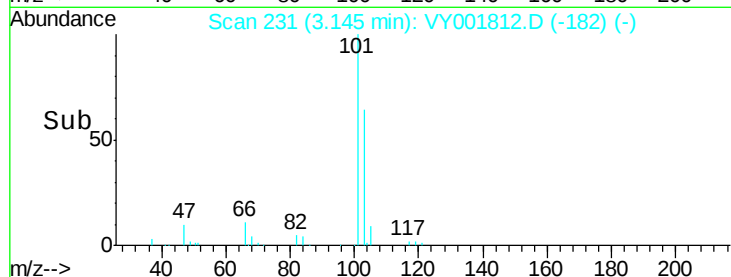
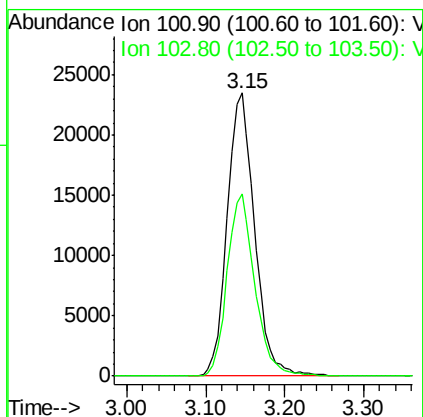
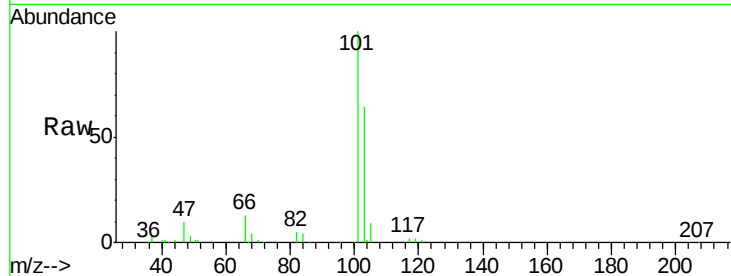
Trichlorofluoromethane
 Concen: 19.300 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.00 min
 Lab File: VY001812.D
 Acq: 02 Mar 2020 12:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.2	78.2

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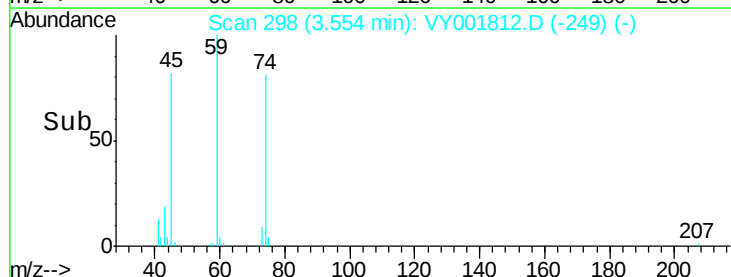
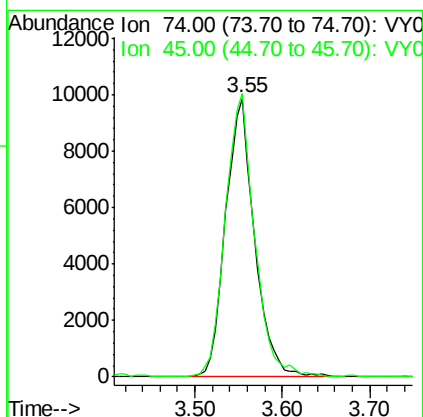
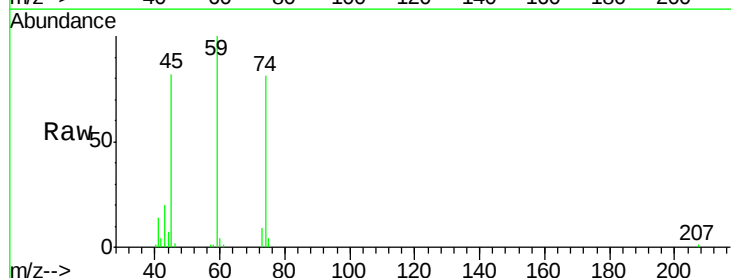
MMDadoda
 3/3/2020 11:11:42 AM

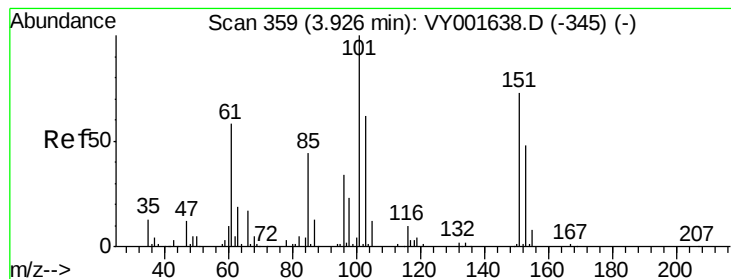


#8

Diethyl Ether
 Concen: 19.558 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: VY001812.D
 Acq: 02 Mar 2020 12:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.0	49.6	148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.953 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

Instrument :

MSVOA_Y

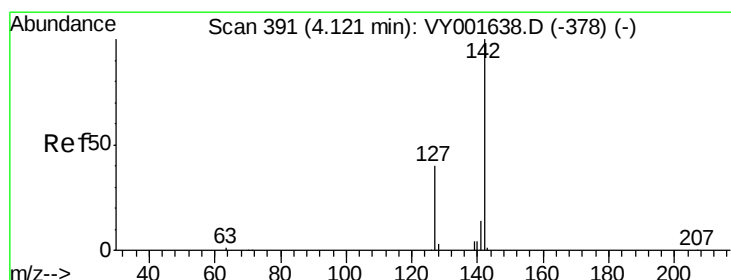
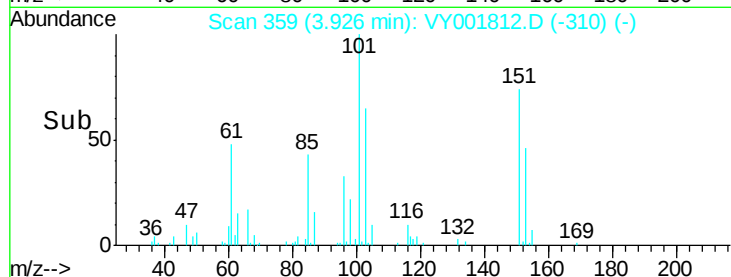
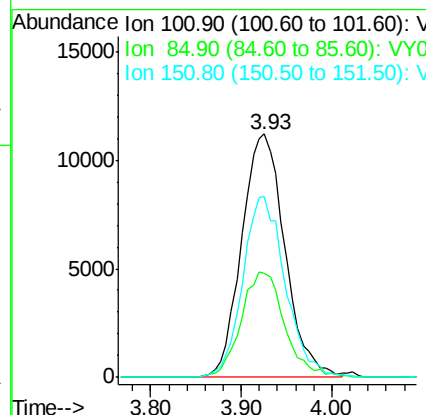
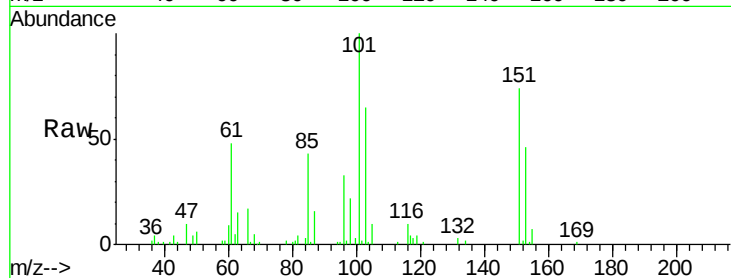
ClientSampleId :

VY0302SBSD01

Tot Ion:	101	Resp:	36989
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.1	52.7
151	73.1	58.4	87.6

Manual Integrations
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#10

Methyl Iodide

Concen: 18.254 ug/l

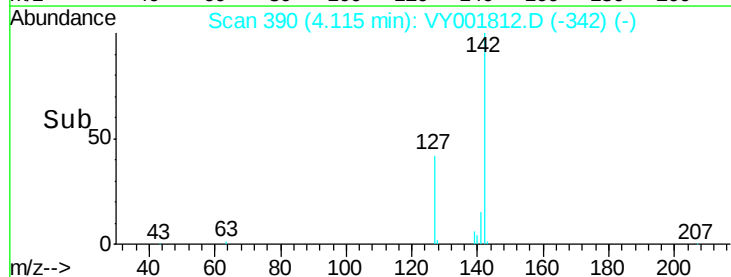
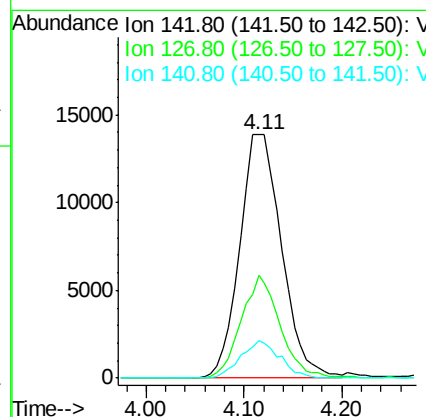
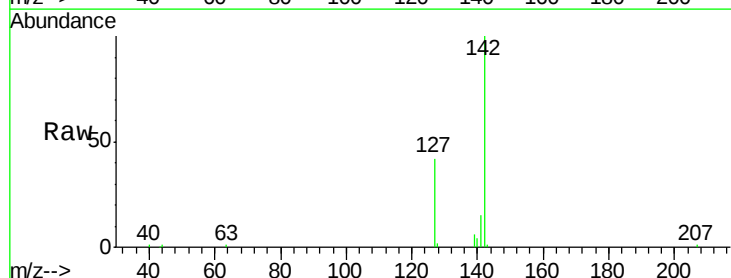
RT: 4.11 min Scan# 390

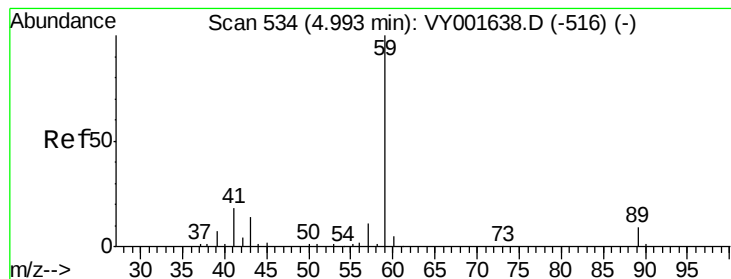
Delta R.T. -0.01 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

Tgt Ion:	142	Resp:	41416
Ion Ratio	Lower	Upper	
142	100		
127	39.1	32.1	48.1
141	14.2	11.3	16.9





#11

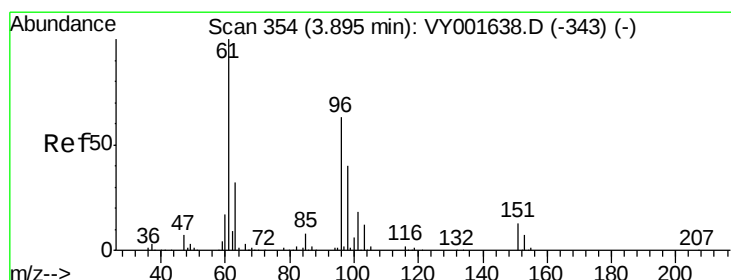
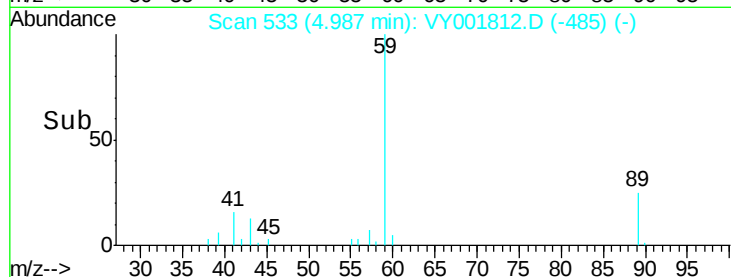
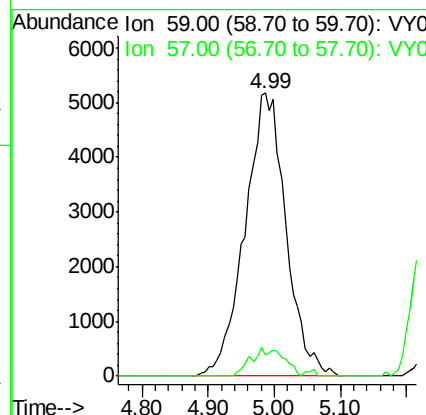
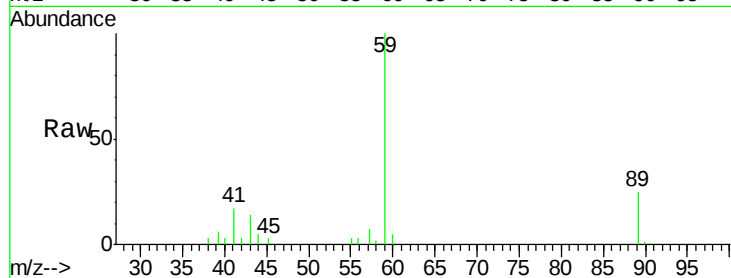
Tert butyl alcohol
 Concen: 85.892 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VY001812.D
 Acq: 02 Mar 2020 12:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	3.8	7.4	11.2#

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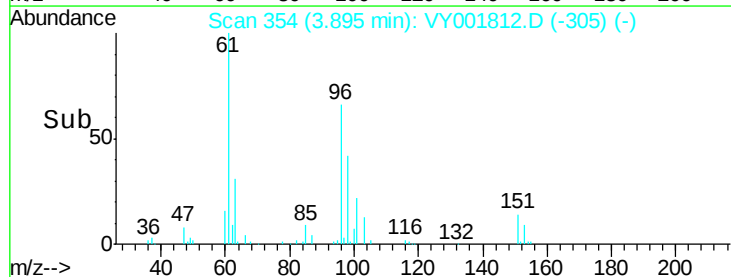
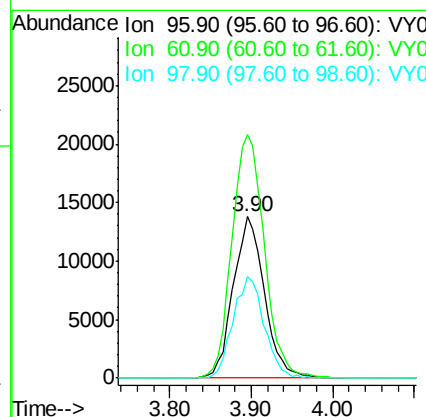
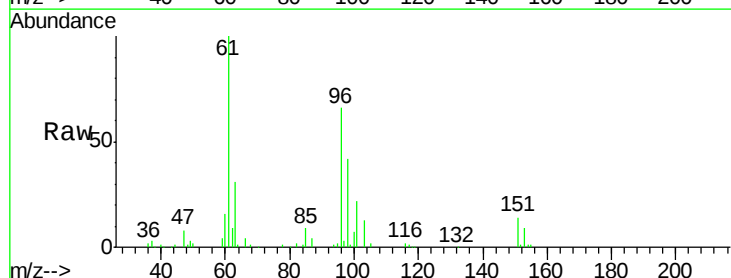
MMDadoda
 3/3/2020 11:11:42 AM

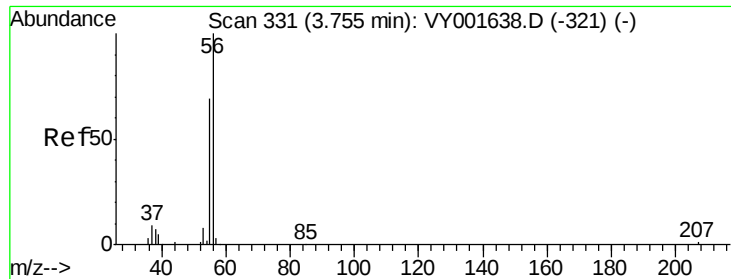


#12

1,1-Dichloroethene
 Concen: 19.219 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VY001812.D
 Acq: 02 Mar 2020 12:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.7	128.7	193.1
98	63.1	50.7	76.1





#13

Acrolein

Concen: 71.554 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBSD01

Tot Ion: 56 Resp: 13546

Ion Ratio Lower Upper

56 100

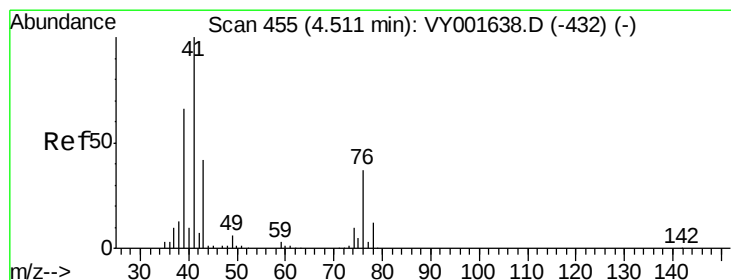
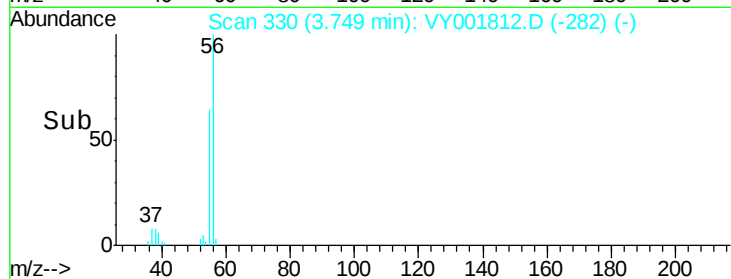
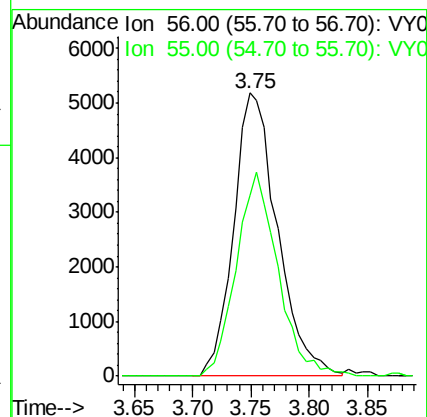
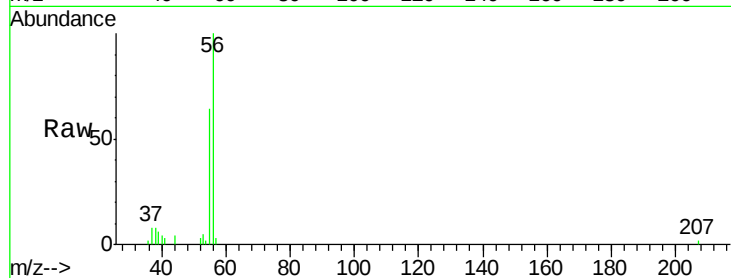
55 68.8 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 19.361 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

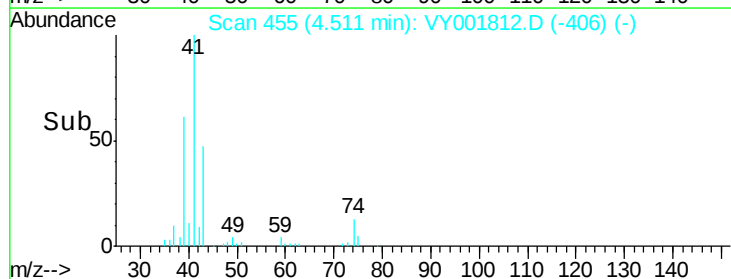
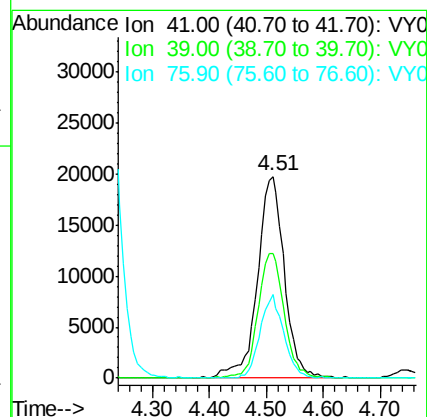
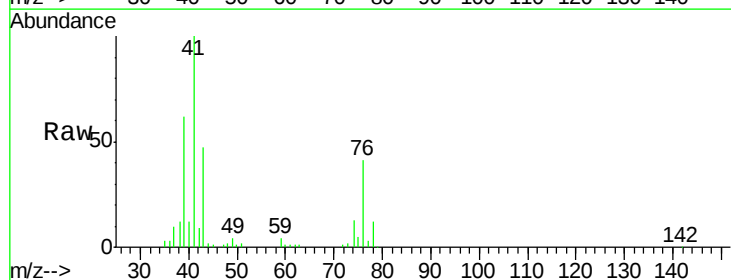
Tgt Ion: 41 Resp: 65150

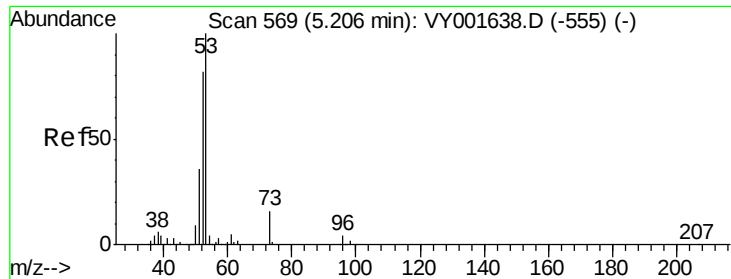
Ion Ratio Lower Upper

41 100

39 59.9 49.4 74.0

76 36.3 29.0 43.6





#15

Acrylonitrile

Concen: 102.066 ug/l

RT: 5.20 min Scan# 568

Delta R.T. -0.01 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

Instrument :

MSVOA_Y

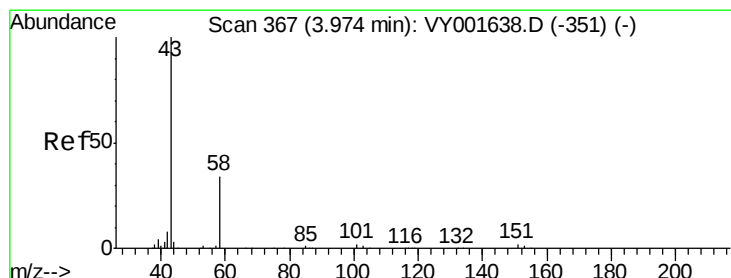
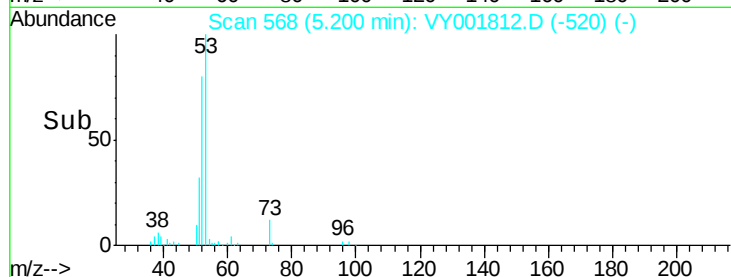
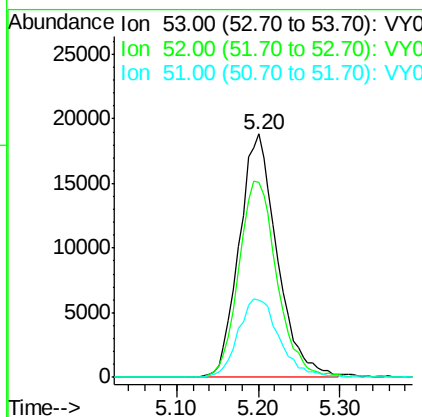
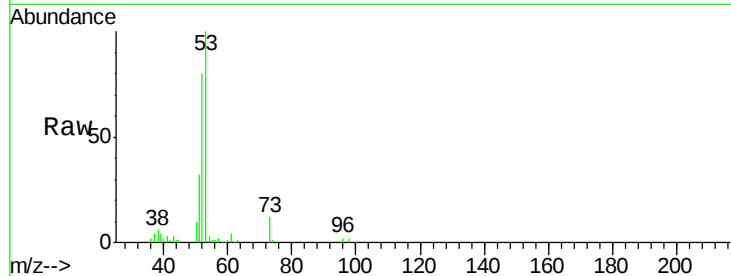
ClientSampleId :

VY0302SBS01

Tot Ion:	53	Resp:	60830
Ion Ratio	Lower	Upper	
53	100		
52	81.4	65.4	98.0
51	34.9	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 81.887 ug/l

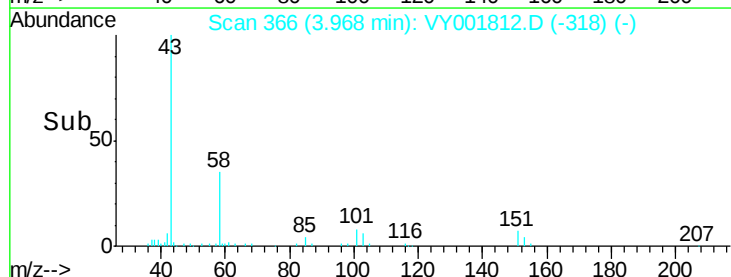
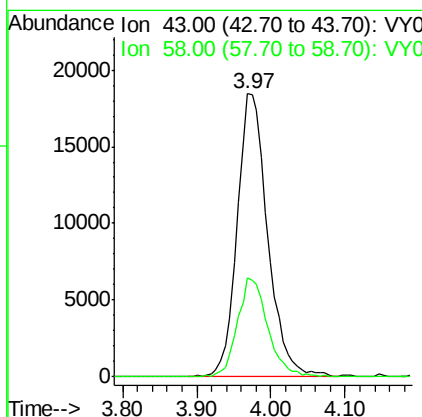
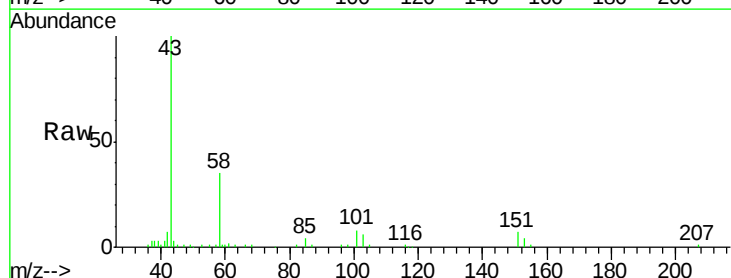
RT: 3.97 min Scan# 366

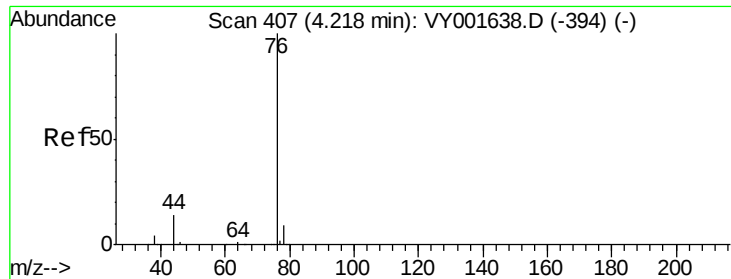
Delta R.T. -0.01 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

Tgt Ion:	43	Resp:	53111
Ion Ratio	Lower	Upper	
43	100		
58	35.0	27.3	40.9





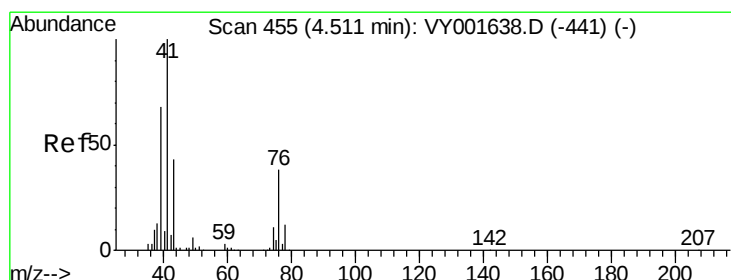
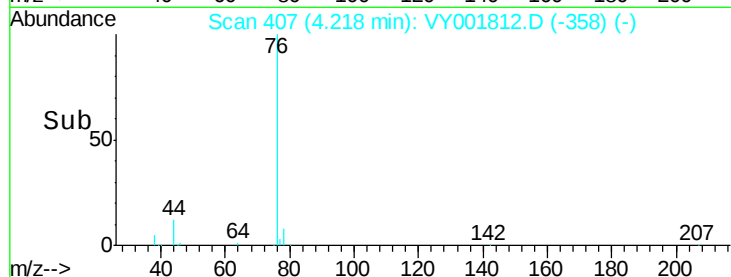
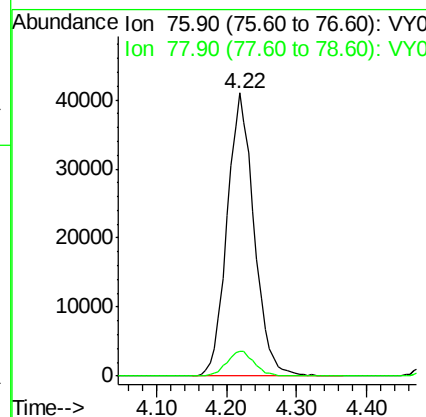
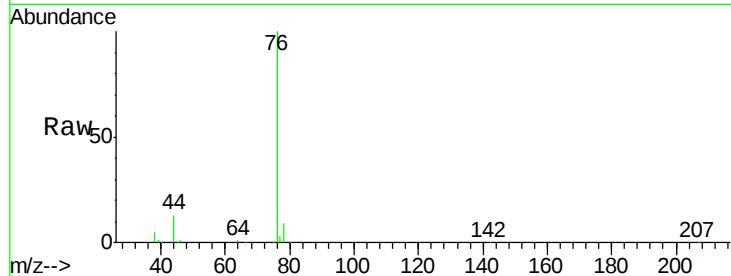
#17
Carbon Disulfide
Concen: 17.395 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.00 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9

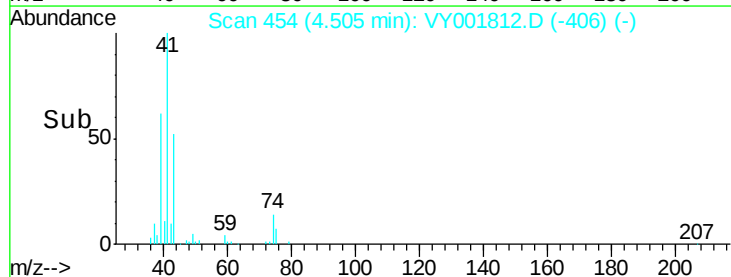
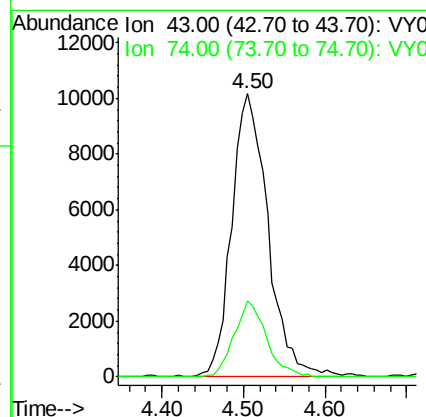
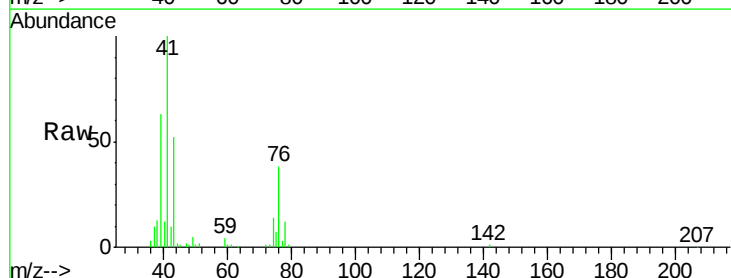
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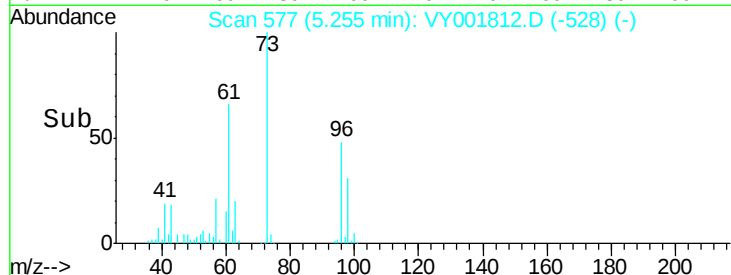
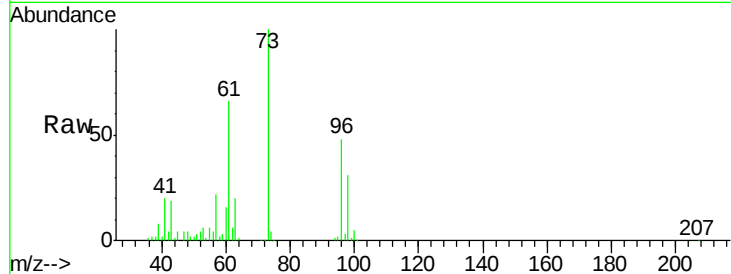
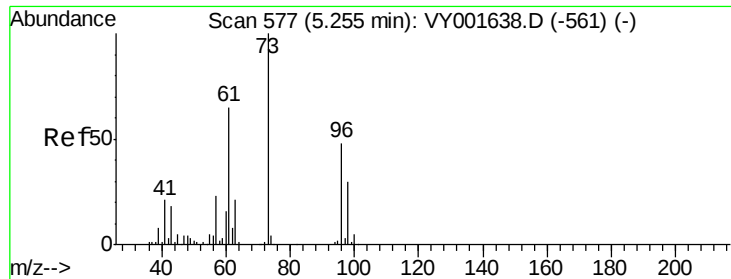
MMDadoda
3/3/2020 11:11:42 AM



#18
Methyl Acetate
Concen: 22.157 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.1	28.7





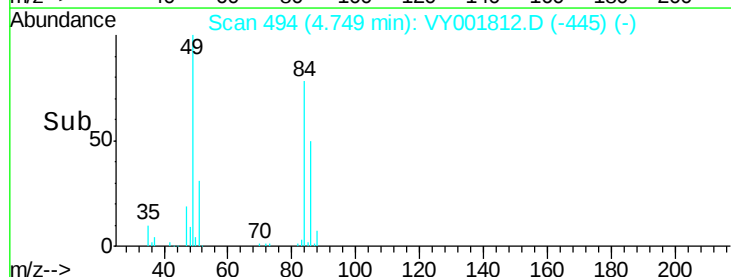
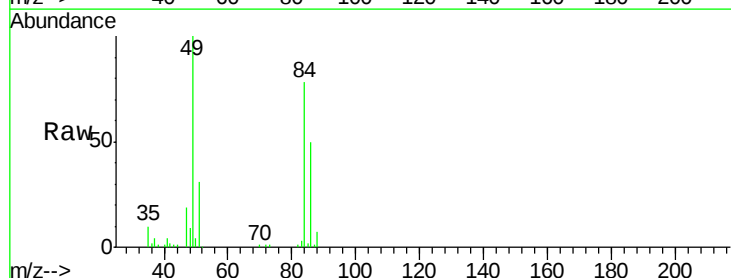
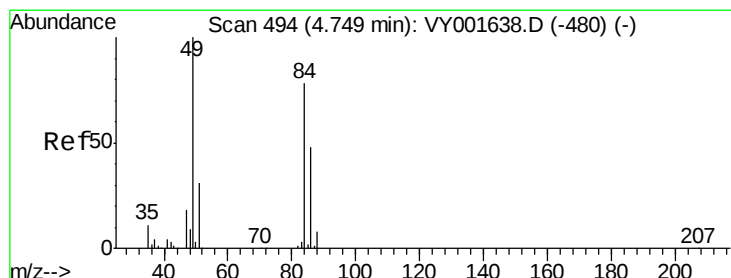
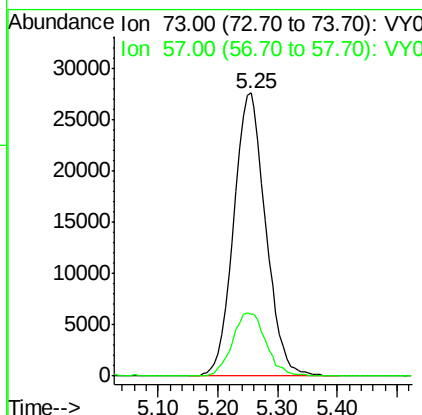
#19
Methvl tert-butvl Ether
Concen: 19.549 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.00 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Tot Ion: 73 Resp: 102912
Ion Ratio Lower Upper
73 100
57 21.8 19.0 28.6

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBSD01

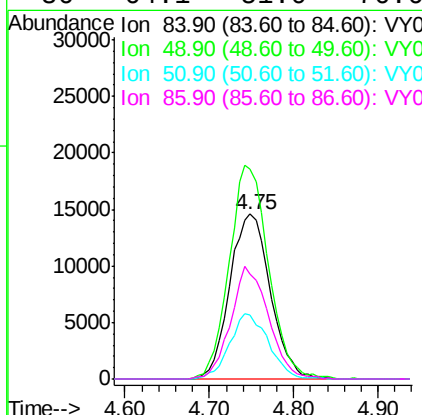
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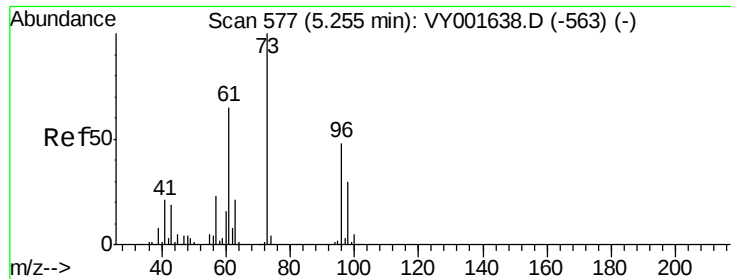
MMDadoda
3/3/2020 11:11:42 AM



#20
Methylene Chloride
Concen: 20.672 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.00 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Tgt Ion: 84 Resp: 47623
Ion Ratio Lower Upper
84 100
49 127.6 99.2 148.8
51 39.0 31.5 47.3
86 64.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.138 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.00 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

Instrument :

MSVOA_Y

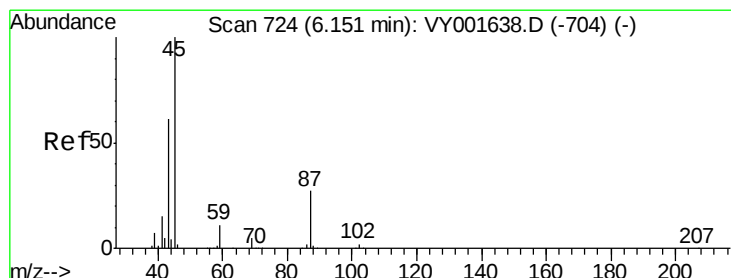
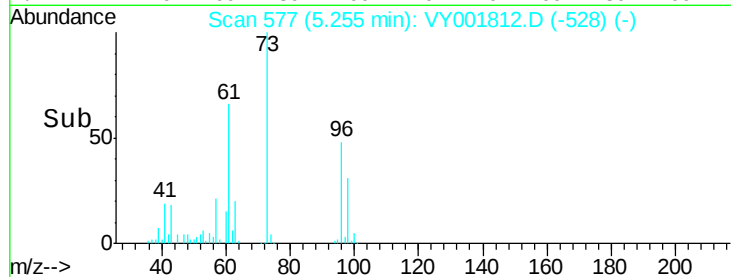
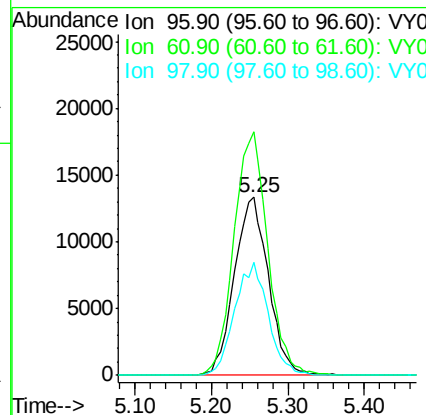
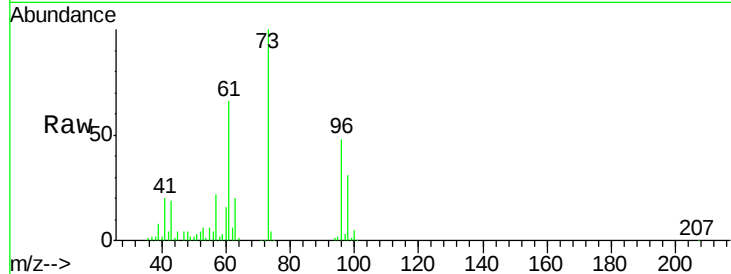
ClientSampleId :

VY0302SBSD01

Tot Ion:	96	Resp:	41285
Ion	Ratio	Lower	Upper
96	100		
61	137.0	107.9	161.9
98	63.4	49.8	74.8

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#22

Diisopropyl ether

Concen: 19.708 ug/l

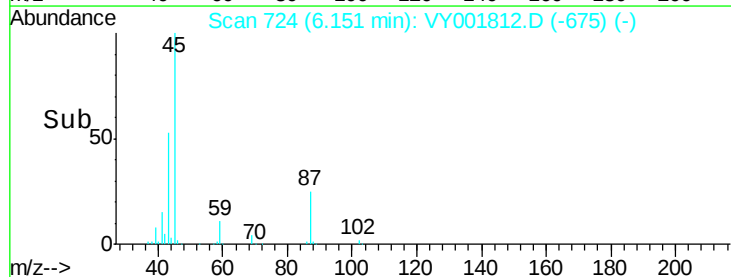
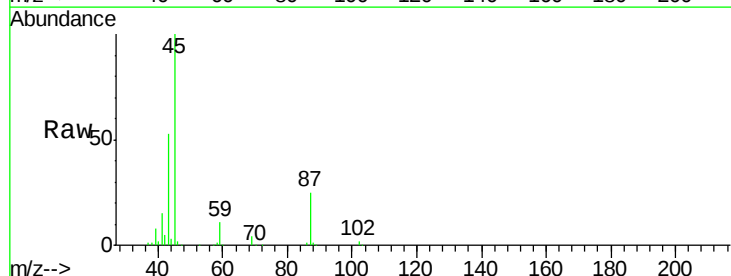
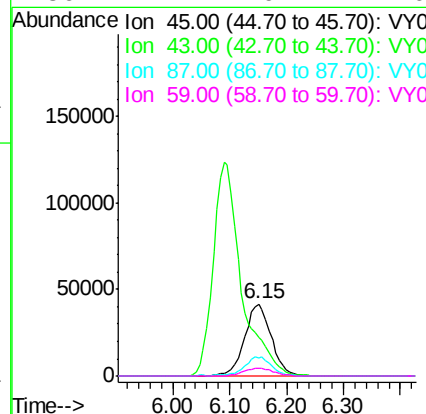
RT: 6.15 min Scan# 724

Delta R.T. 0.00 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

Tgt Ion:	45	Resp:	136194
Ion	Ratio	Lower	Upper
45	100		
43	52.9	46.4	69.6
87	24.6	22.1	33.1
59	11.4	9.4	14.0





#23

Vinyl Acetate

Concen: 93.851 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBSD01

Tot Ion: 43 Resp: 423054

Ion Ratio Lower Upper

43 100

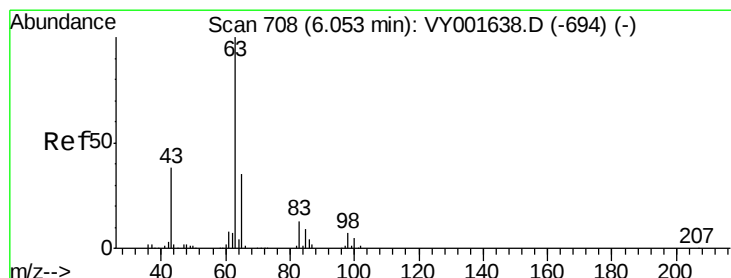
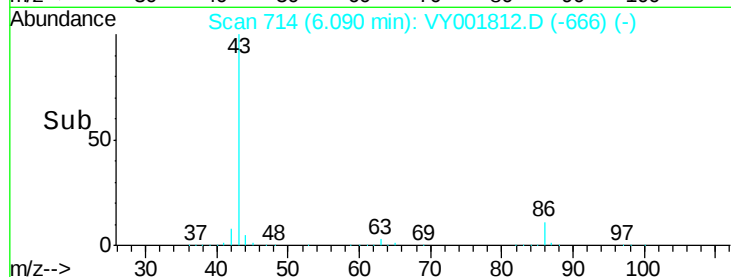
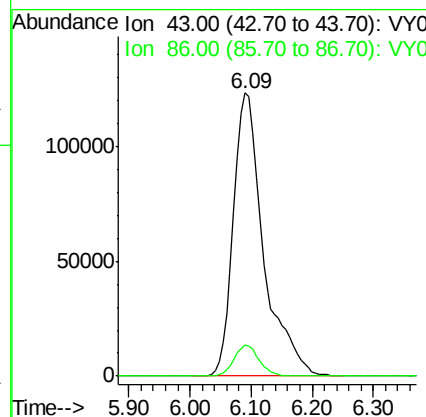
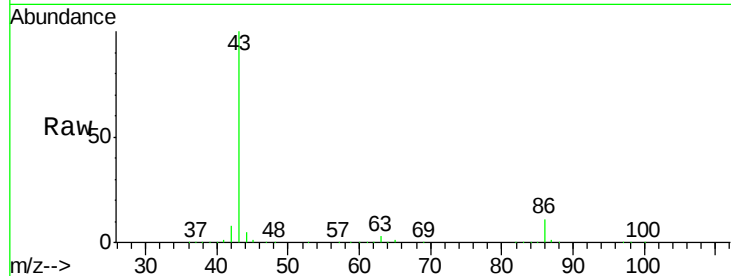
86 10.9 8.8 13.2

Manual Integrations

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3/3/2020 11:11:42 AM



#24

1,1-Dichloroethane

Concen: 20.027 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

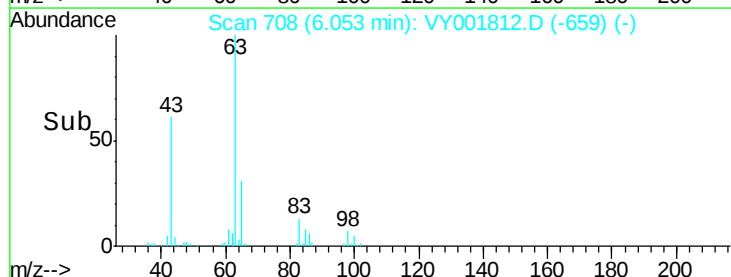
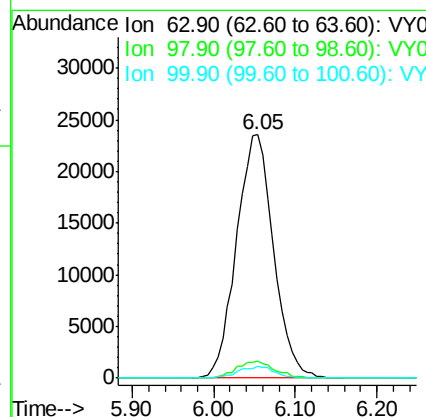
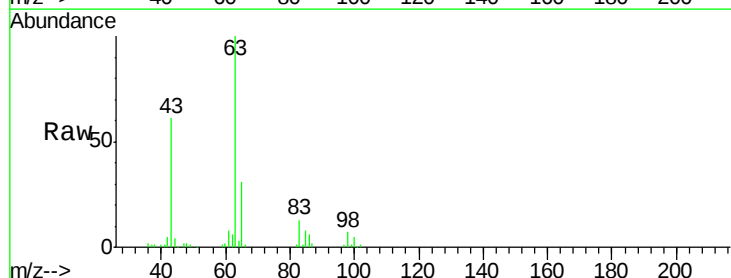
Tgt Ion: 63 Resp: 73969

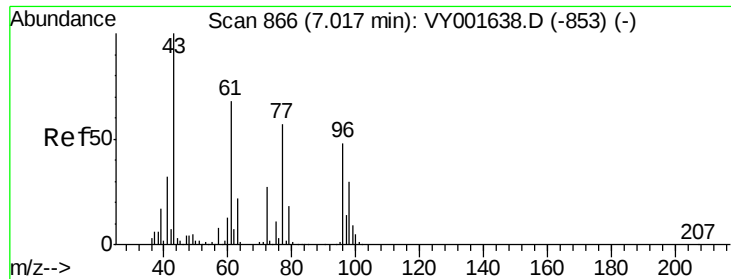
Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.2

100 4.7 2.3 6.9





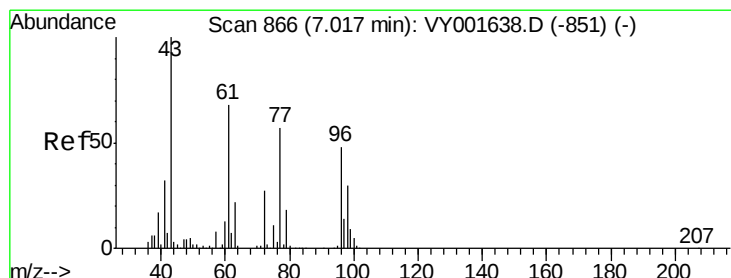
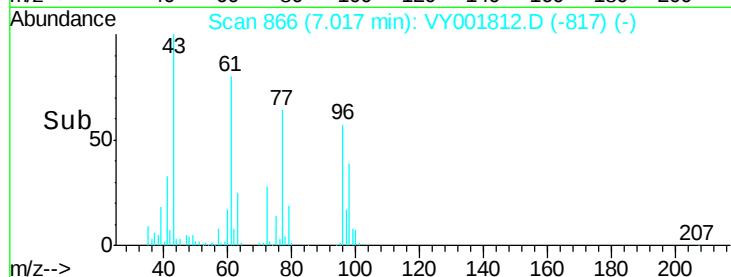
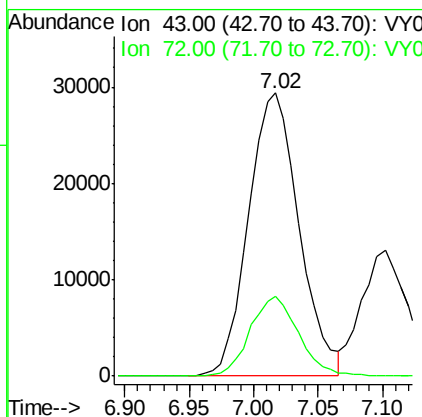
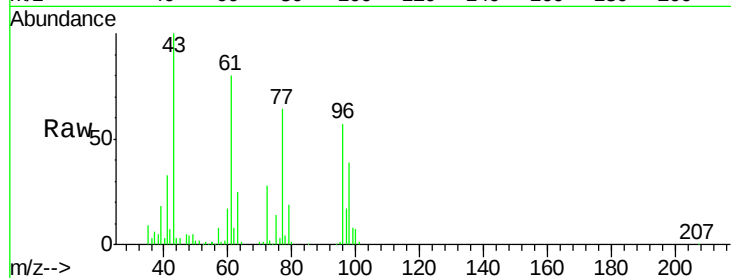
#25
2-Butanone
Concen: 90.855 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tot Ion: 43 Resp: 80050
Ion Ratio Lower Upper
43 100
72 28.0 21.2 31.8

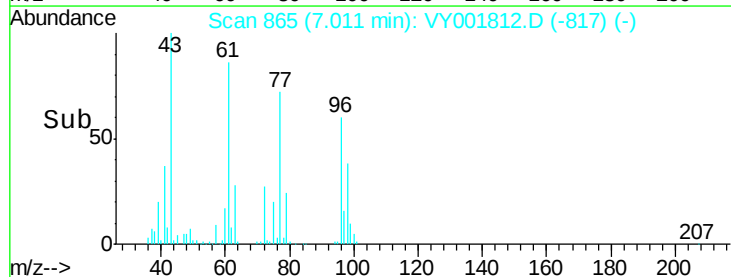
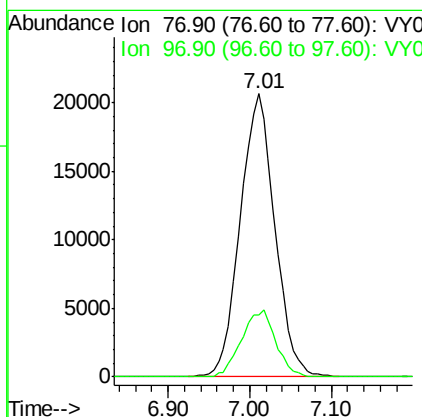
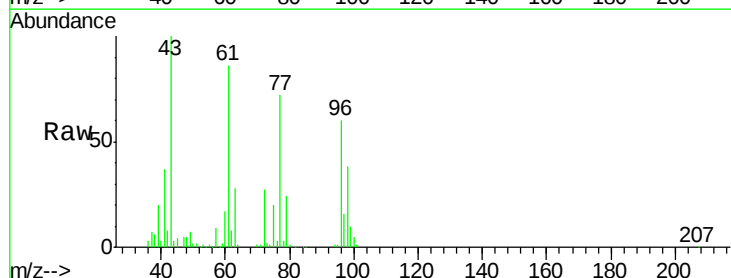
Manual Integrations
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3/3/2020 11:11:42 AM



#26
2,2-Dichloropropane
Concen: 18.916 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Tgt Ion: 77 Resp: 60787
Ion Ratio Lower Upper
77 100
97 23.4 11.8 35.4





#27

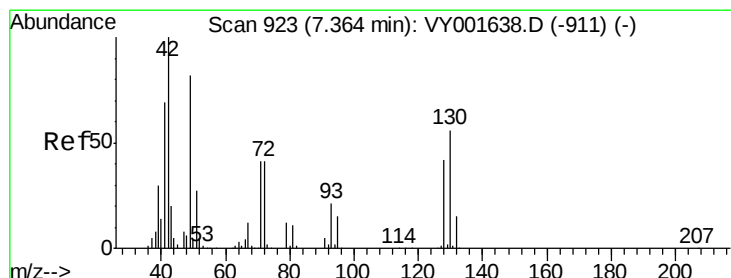
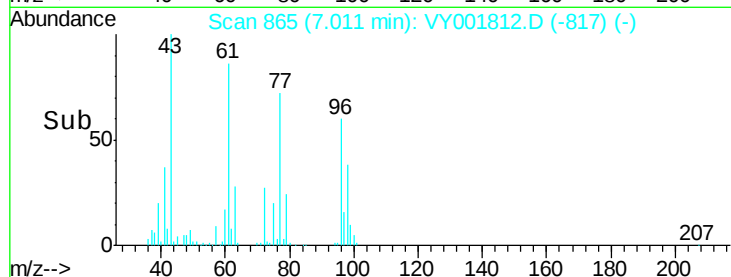
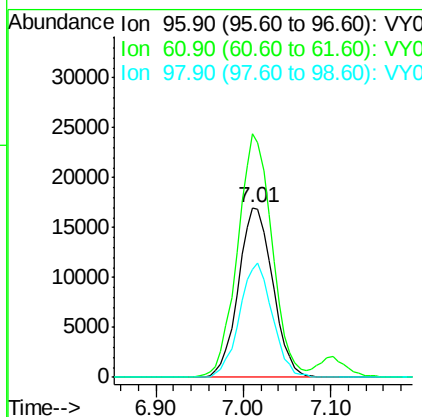
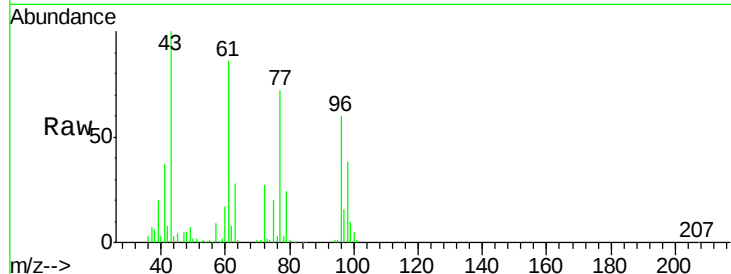
cis-1,2-Dichloroethene
Concen: 19.547 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	143.3	0.0	290.8	
98	64.0	0.0	128.6	

Manual Integrations
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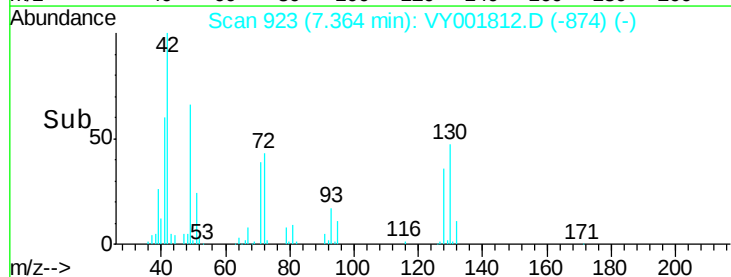
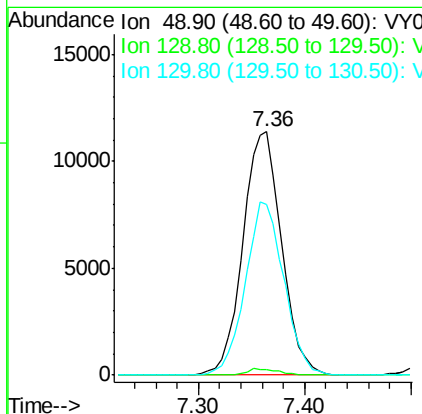
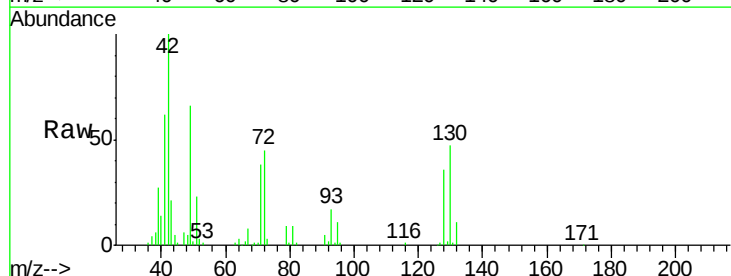
MMDadoda
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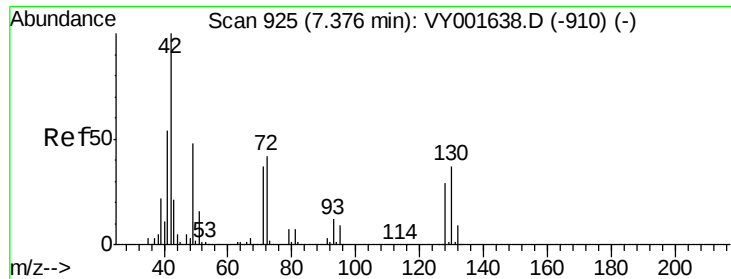


#28

Bromochloromethane
Concen: 18.878 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	3.6	
130	70.8	56.2	84.4	





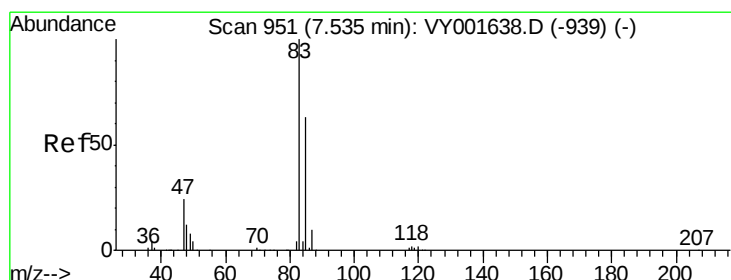
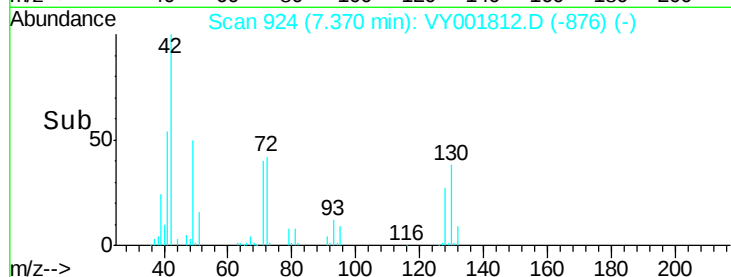
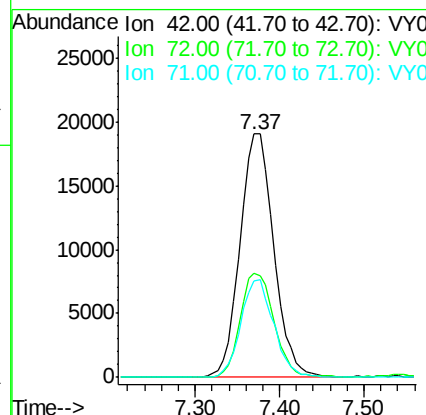
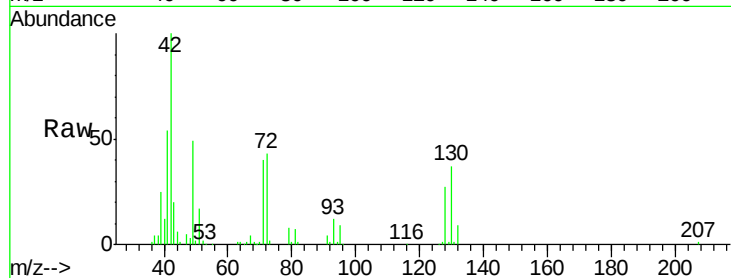
#29
Tetrahydrofuran
Concen: 97.085 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.4	51.6
71	38.9	31.8	47.8

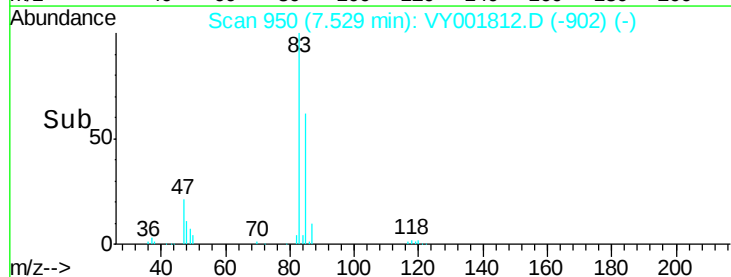
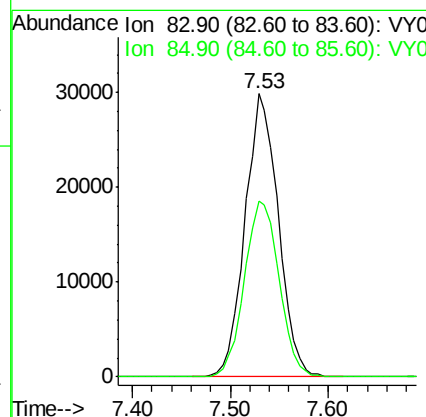
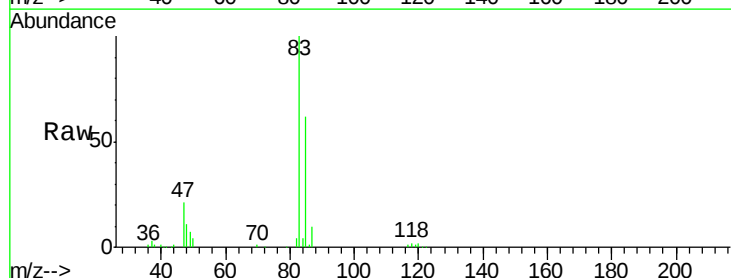
Manual Integrations
APPROVED

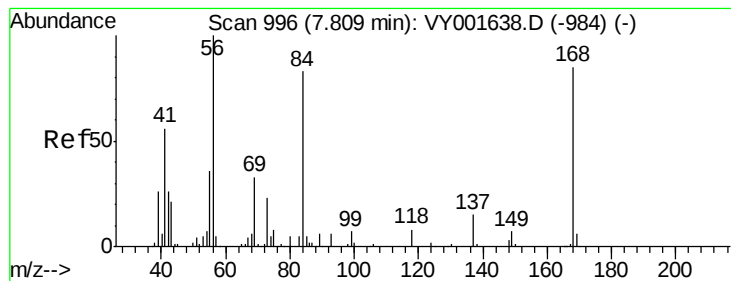
MMDadoda
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#30
Chloroform
Concen: 19.537 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.6	77.4





#31

Cyclohexane

Concen: 18.729 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

Instrument :

MSVOA_Y

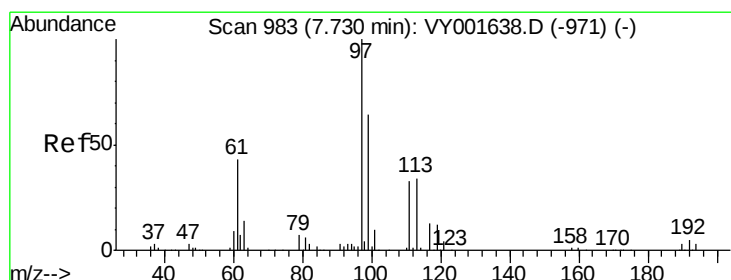
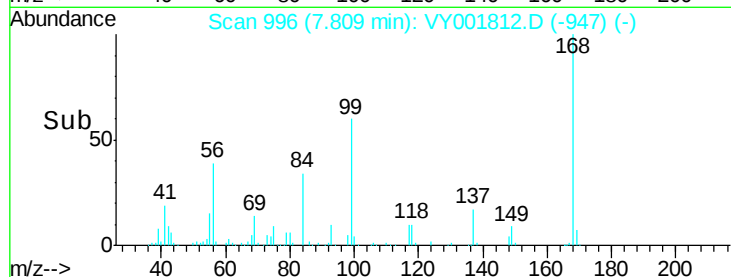
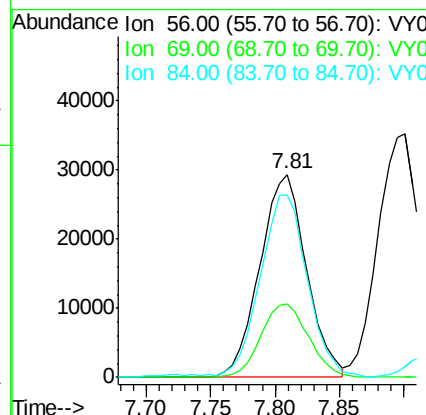
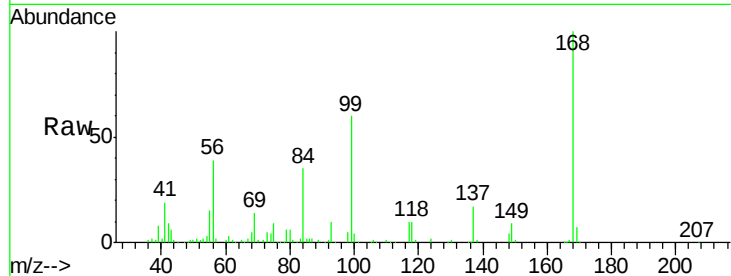
ClientSampleId :

VY0302SBSD01

Tot Ion:	56	Resp:	73757
Ion Ratio	Lower	Upper	
56	100		
69	36.1	25.1	37.7
84	88.1	66.9	100.3

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.885 ug/l

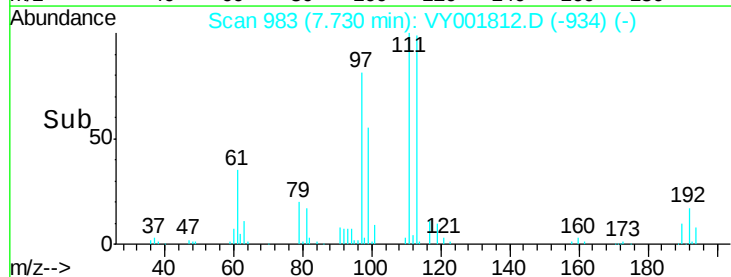
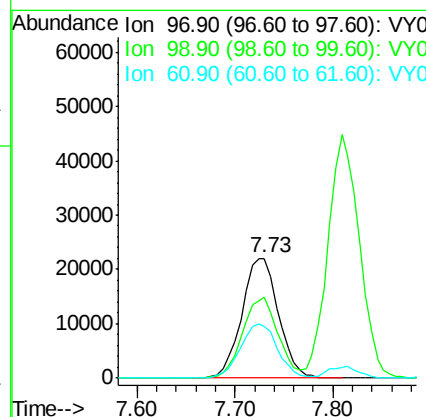
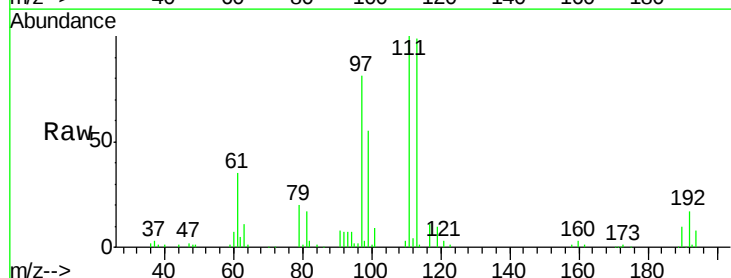
RT: 7.73 min Scan# 983

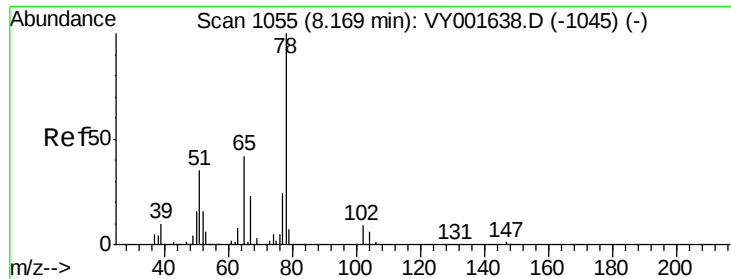
Delta R.T. 0.00 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

Tgt Ion:	97	Resp:	57282
Ion Ratio	Lower	Upper	
97	100		
99	65.7	51.2	76.8
61	46.0	35.0	52.6





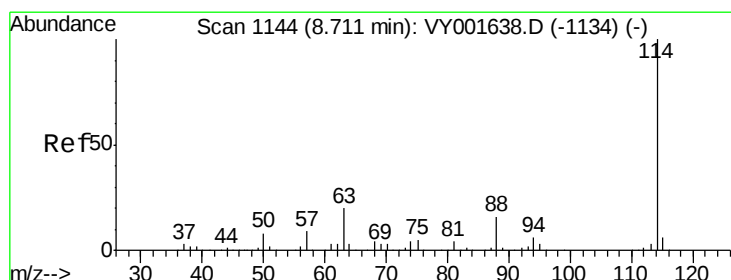
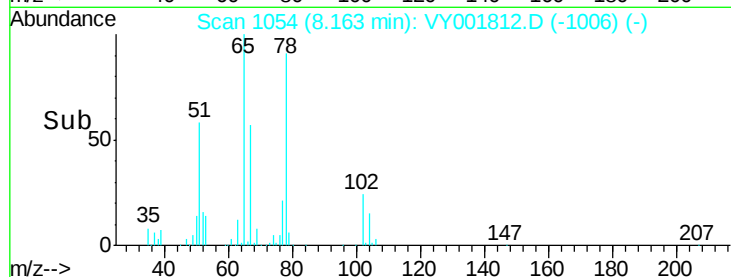
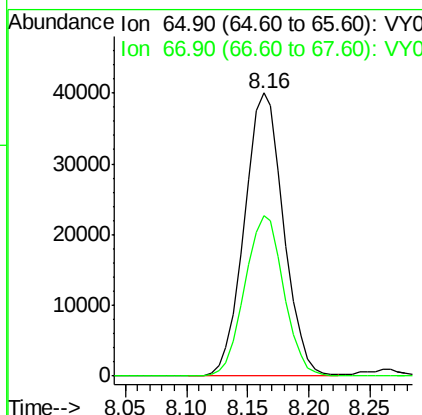
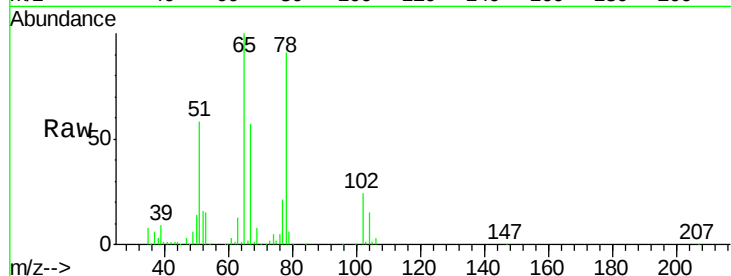
#33
 1,2-Dichloroethane-d4
 Concen: 47.511 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001812.D
 Acq: 02 Mar 2020 12:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	56.3	0.0	111.0	

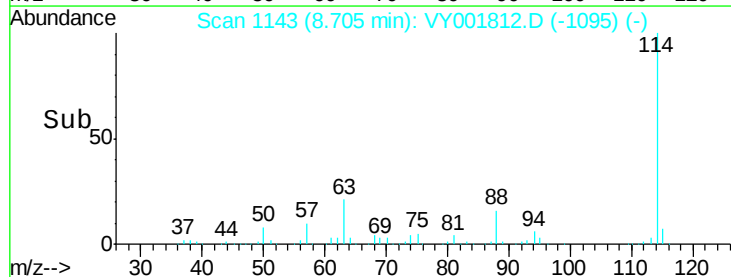
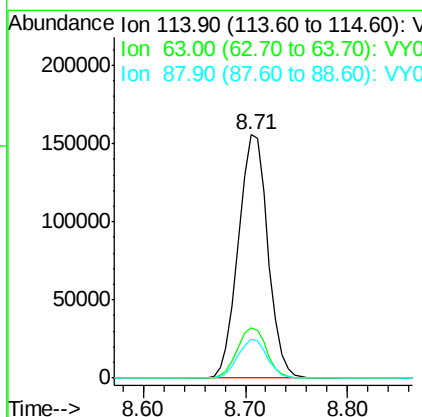
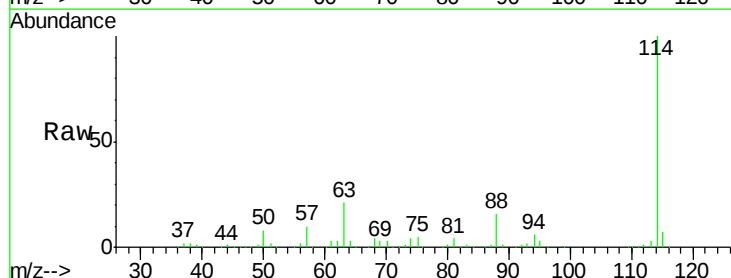
Manual Integrations
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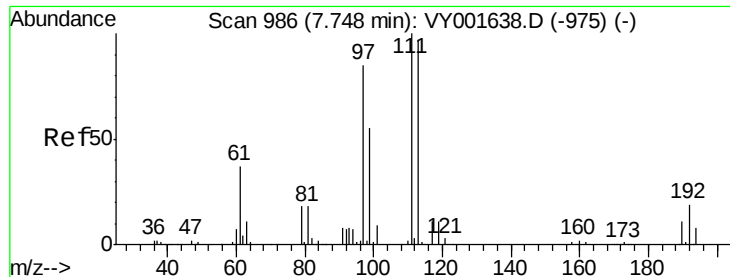
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001812.D
 Acq: 02 Mar 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.9	0.0	41.4	
88	16.1	0.0	32.8	





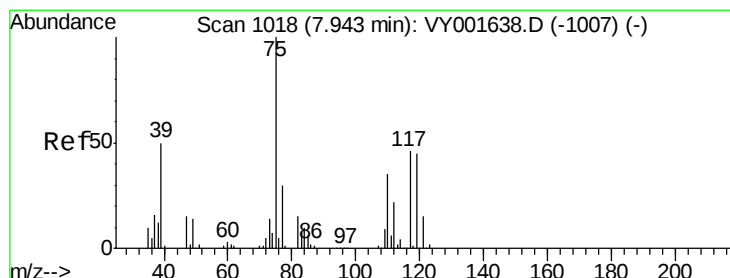
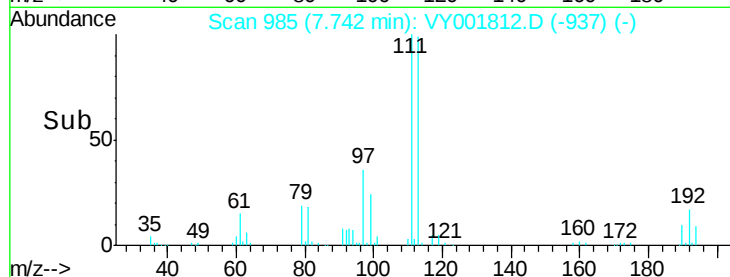
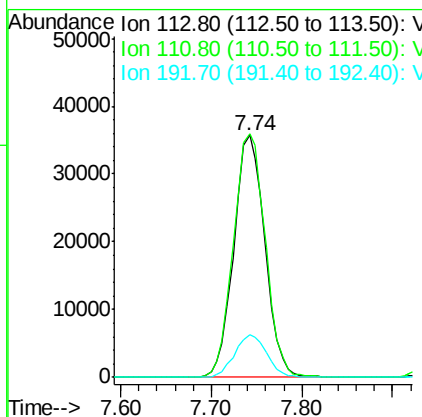
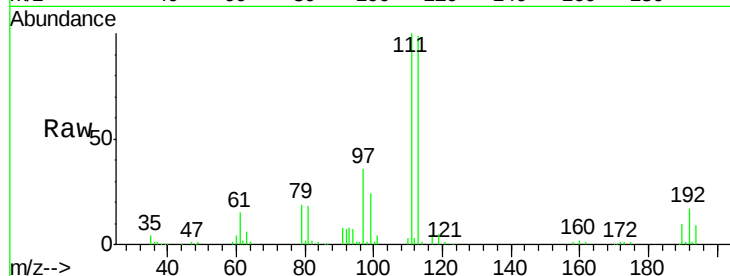
#35
Dibromofluoromethane
Concen: 47.511 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.9	122.9
192	18.1	14.3	21.5

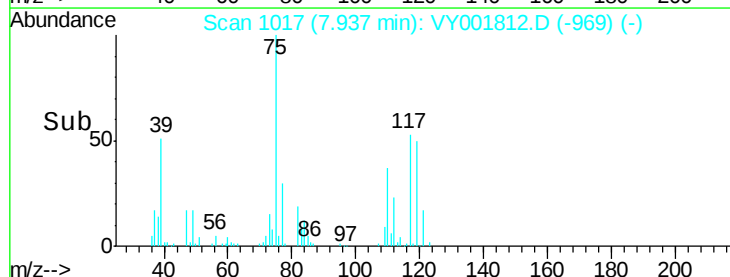
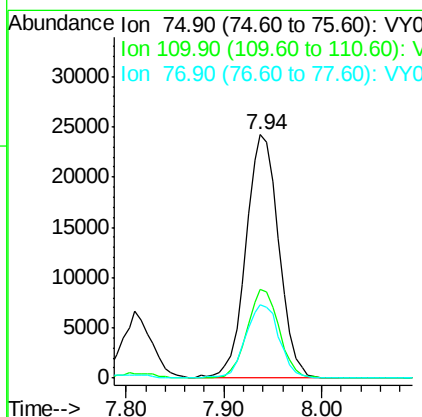
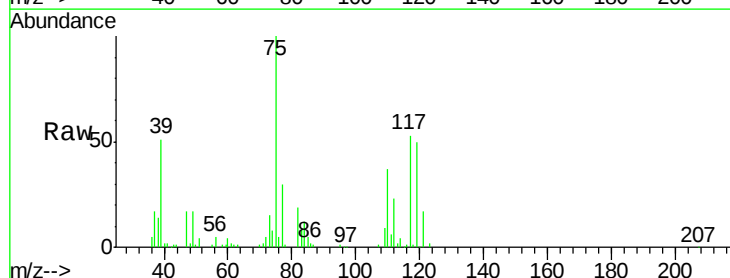
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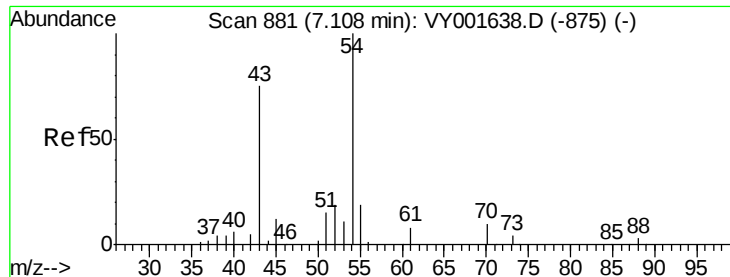
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#36
1,1-Dichloropropene
Concen: 19.014 ug/l
RT: 7.94 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.2	51.6
77	31.0	24.8	37.2





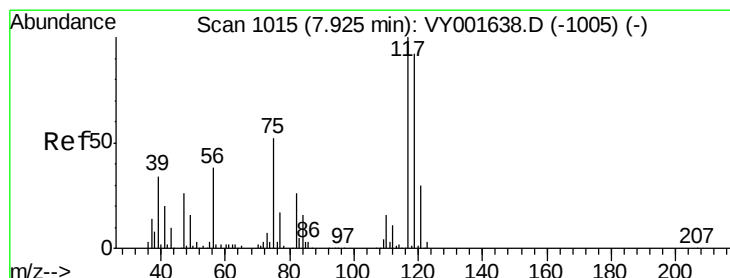
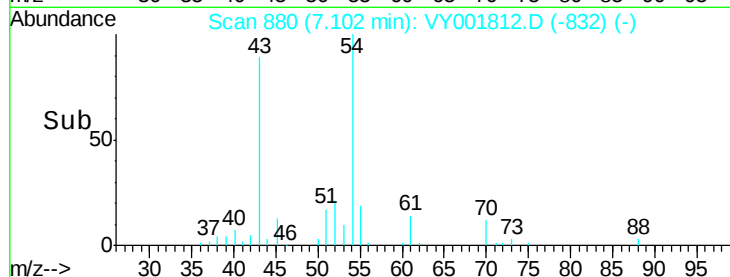
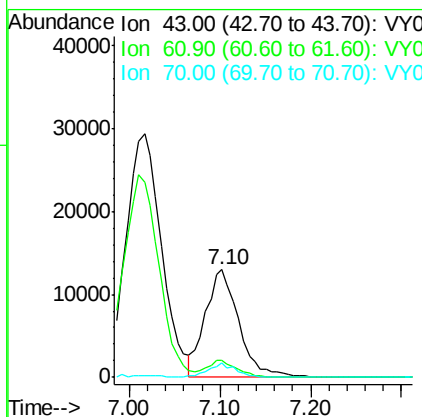
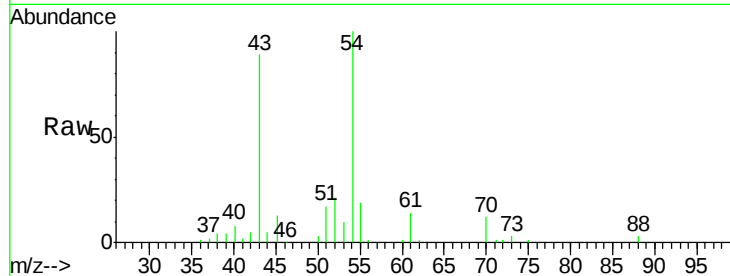
#37
Ethyl Acetate
Concen: 18.852 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.0	16.6
70	10.7	8.8	13.2

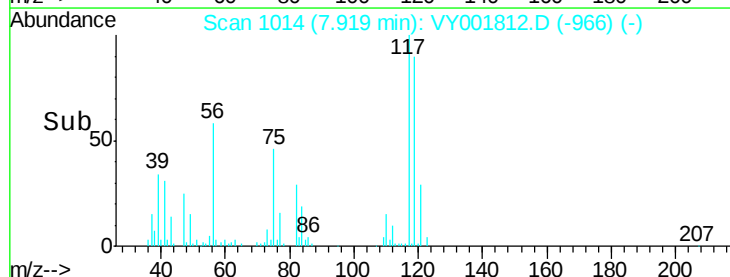
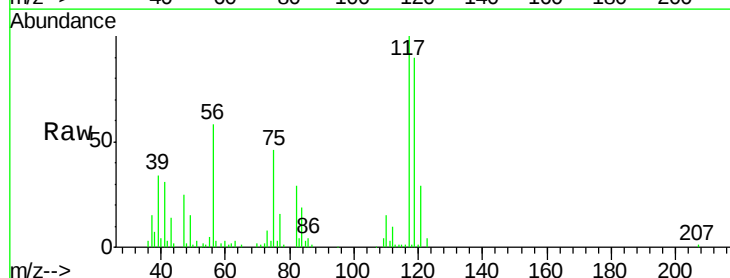
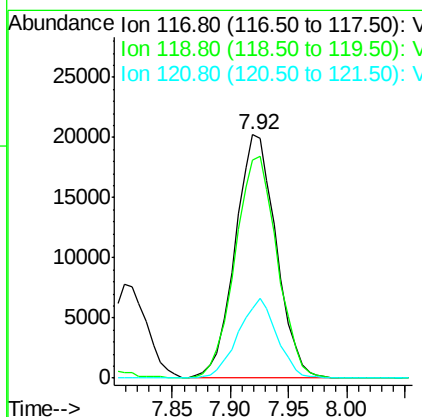
Manual Integrations
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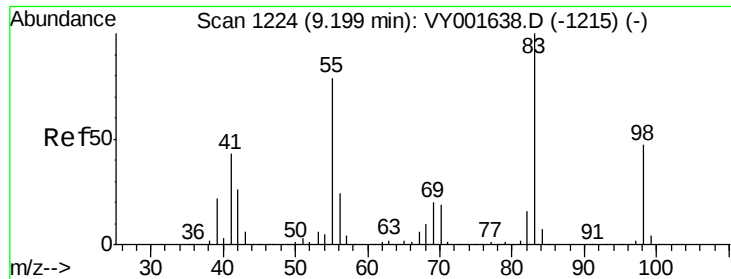
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3/3/2020 11:11:42 AM



#38
Carbon Tetrachloride
Concen: 18.969 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.6	74.8	112.2
121	28.7	23.8	35.6





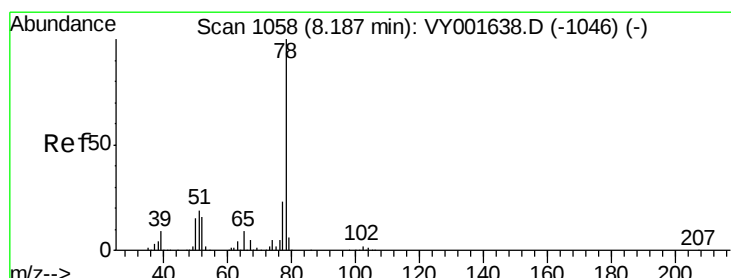
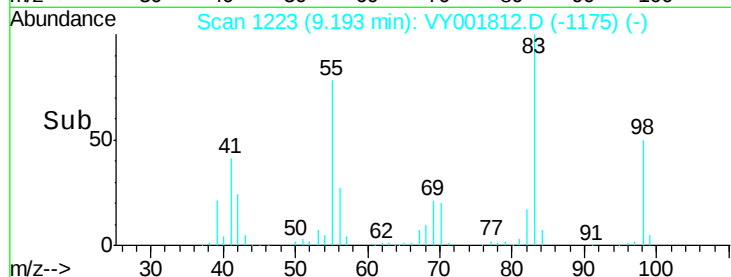
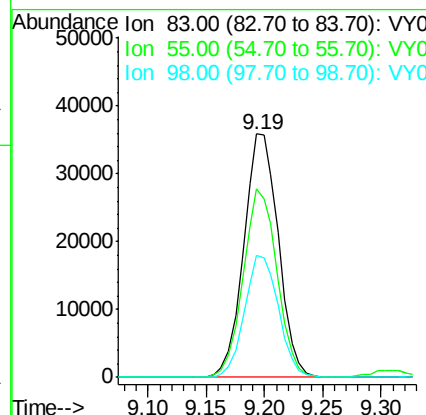
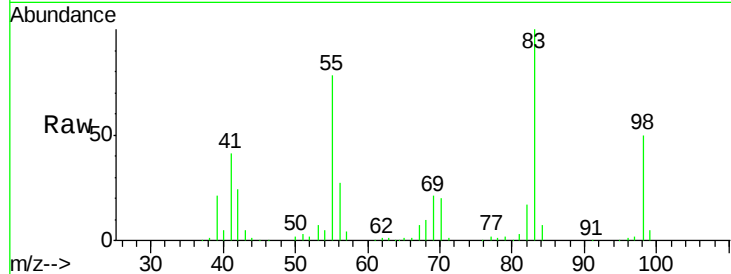
#39
Methvlcvclohexane
Concen: 18.848 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.5	61.3	91.9
98	50.2	38.0	57.0

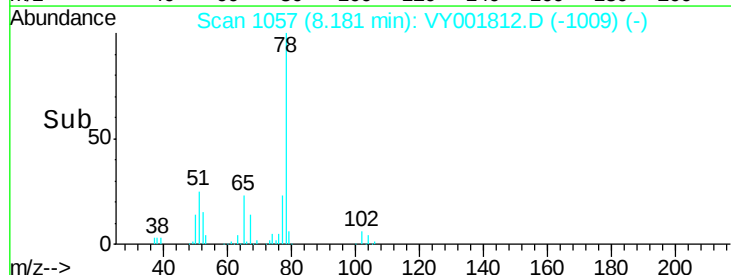
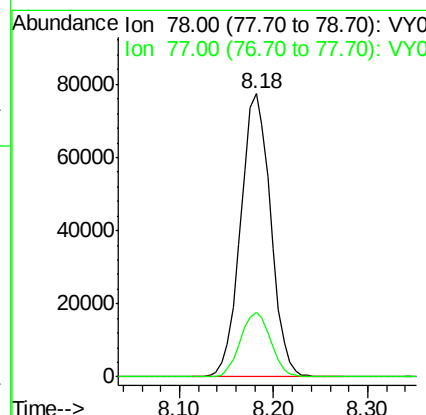
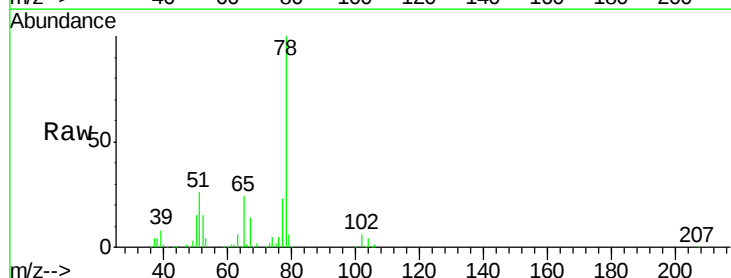
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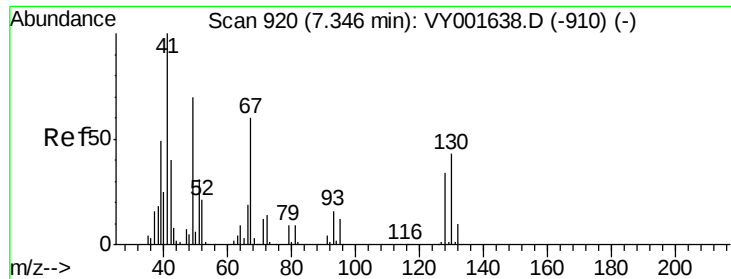
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#40
Benzene
Concen: 19.697 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.2	27.4





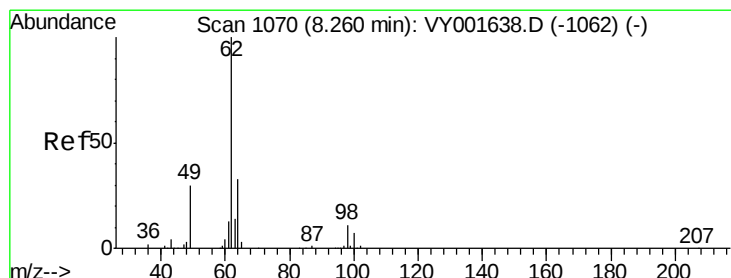
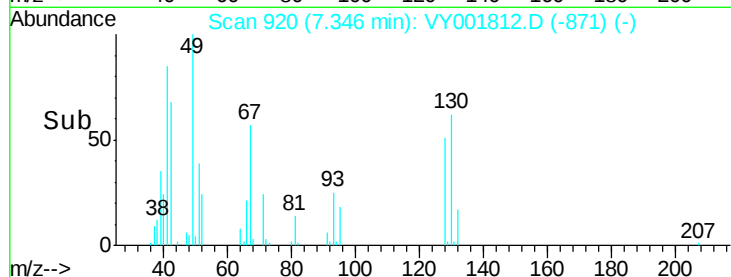
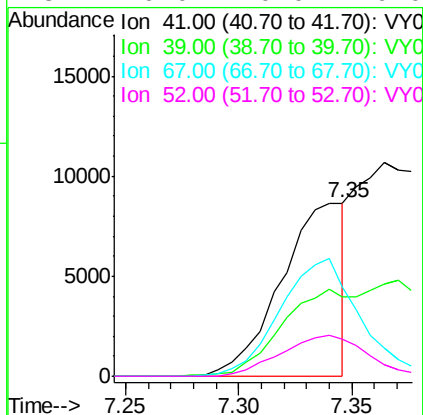
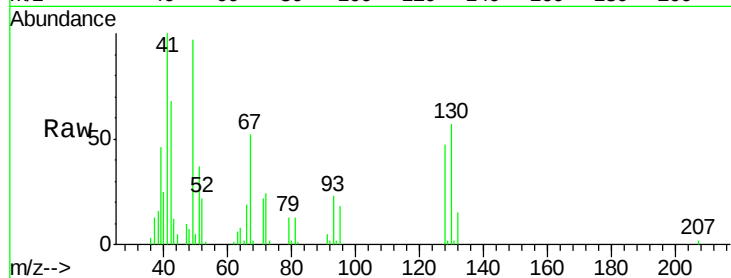
#41
Methacrylonitrile
Concen: 19.301 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBSD01

Tot Ion	41	Resp	17207
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

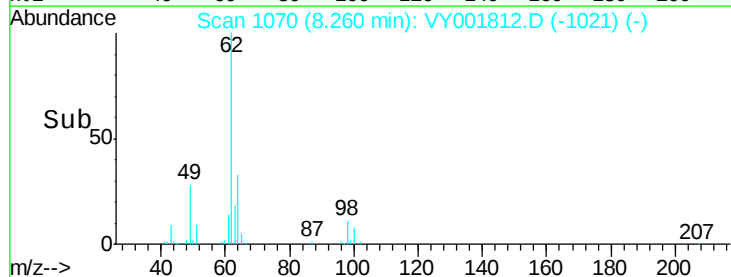
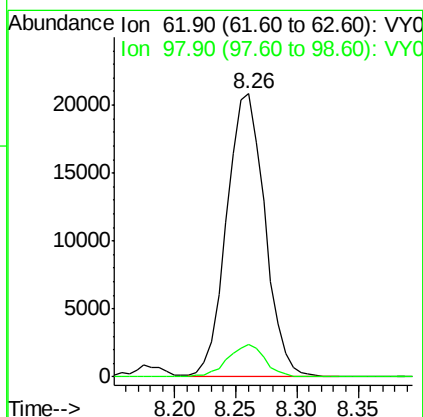
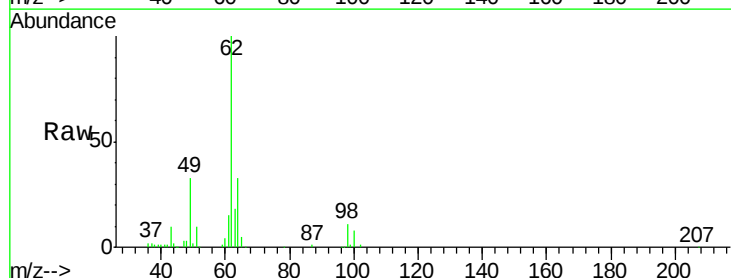
Manual Integrations
APPROVED

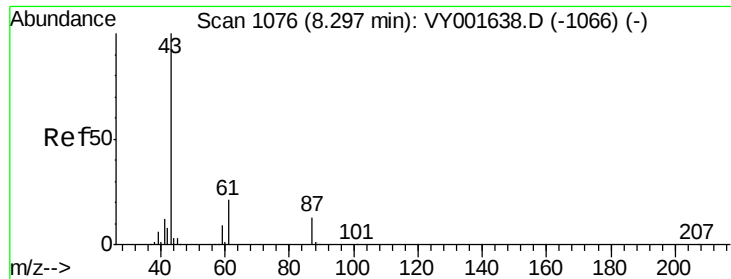
MMDadoda
3/3/2020 11:11:42 AM



#42
1,2-Dichloroethane
Concen: 18.937 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Tgt Ion	62	Resp	45136
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	20.8





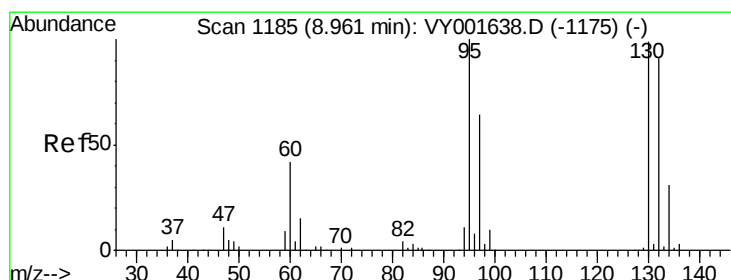
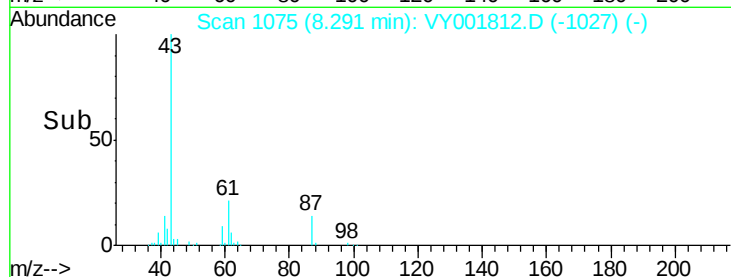
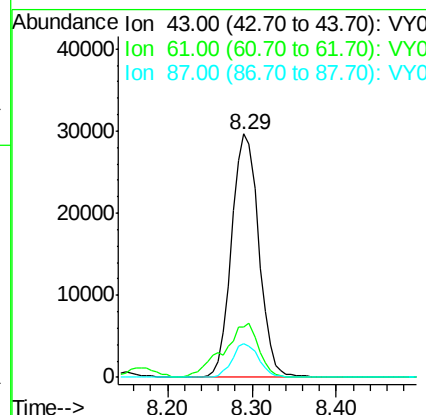
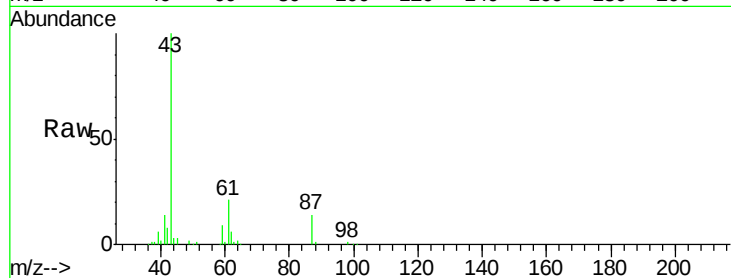
#43
Isopropyl Acetate
Concen: 19.191 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.0	23.0	34.4
87	13.5	10.7	16.1

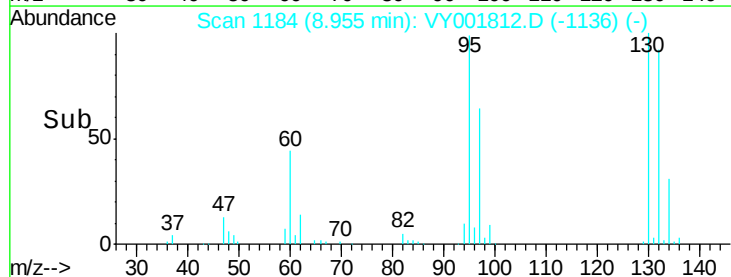
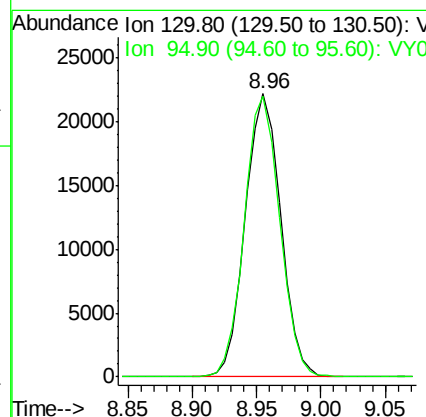
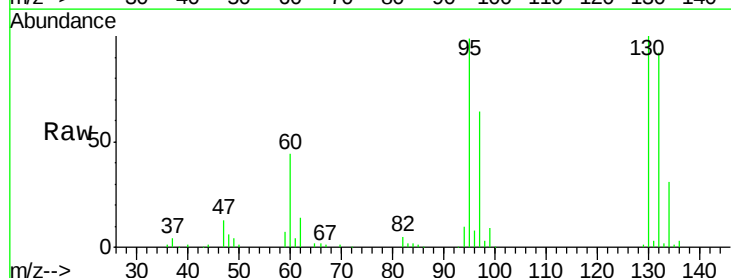
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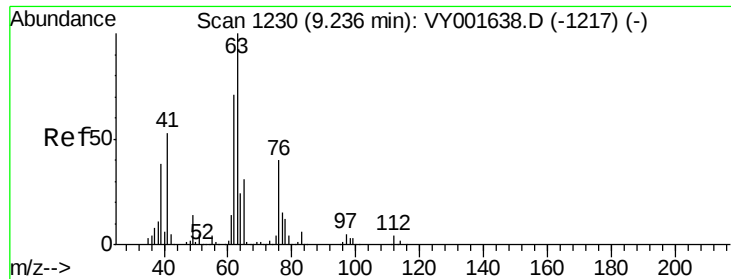
MMDadoda
3/3/2020 11:11:42 AM



#44
Trichloroethene
Concen: 19.320 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	200.6





#45

1,2-Dichloropropane

Concen: 20.221 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBSD01

Tot Ion: 63 Resp: 44307

Ion Ratio Lower Upper

63 100

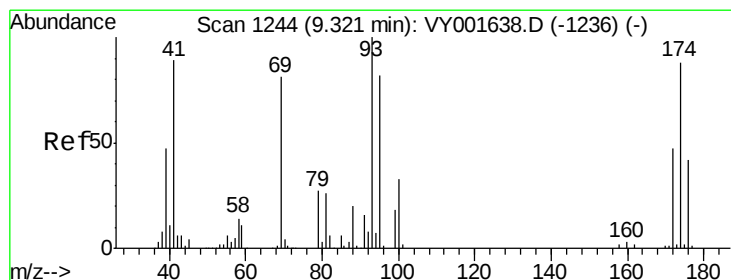
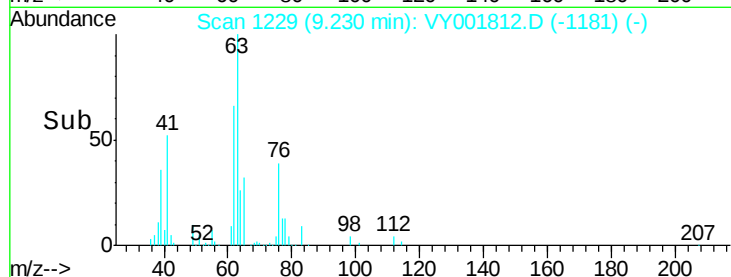
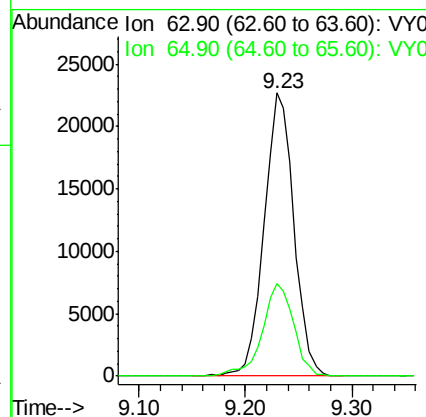
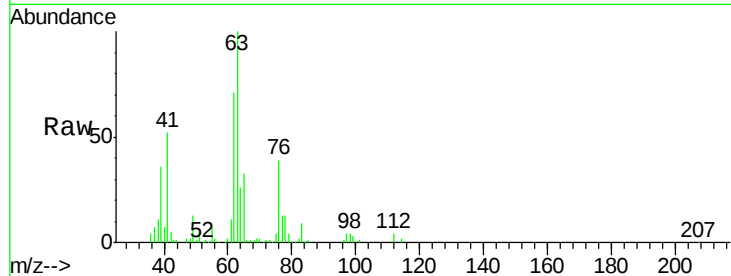
65 32.6 24.6 37.0

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#46

Dibromomethane

Concen: 19.300 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

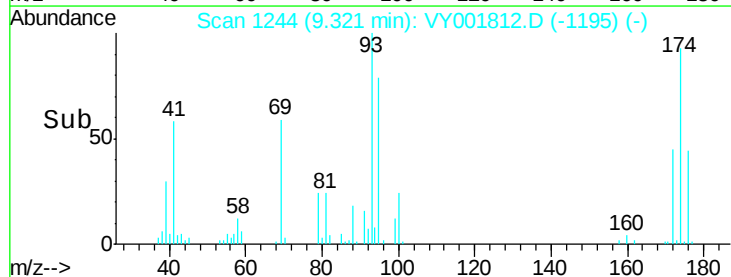
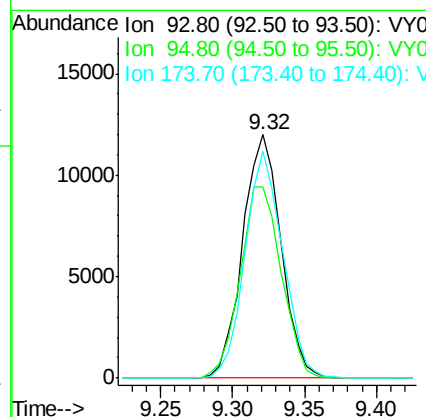
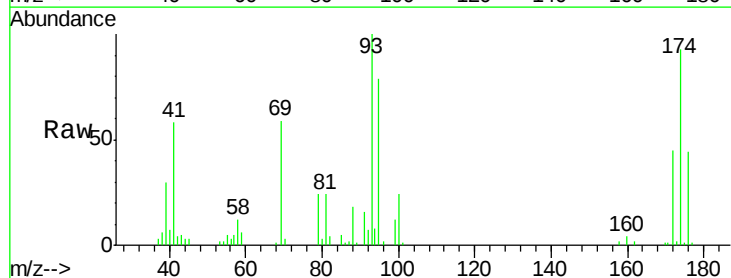
Tgt Ion: 93 Resp: 22118

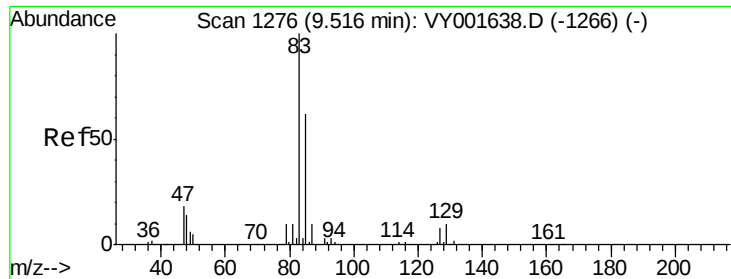
Ion Ratio Lower Upper

93 100

95 84.5 66.1 99.1

174 91.7 72.5 108.7





#47

Bromodichloromethane

Concen: 19.338 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

Instrument :

MSVOA_Y

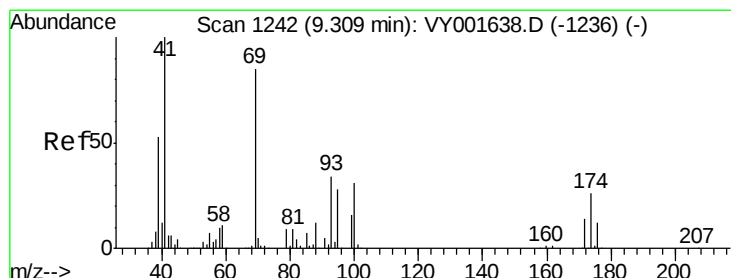
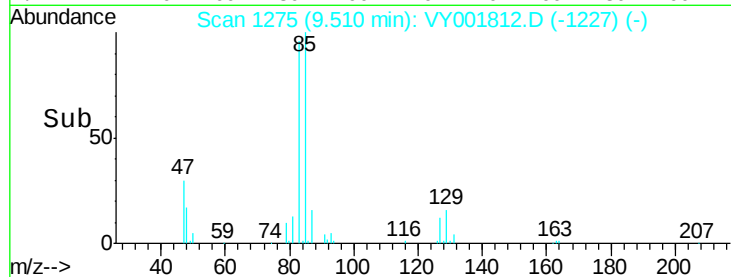
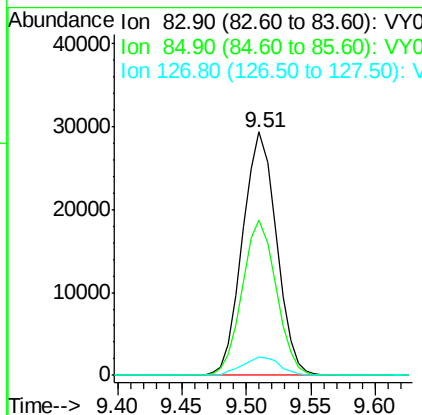
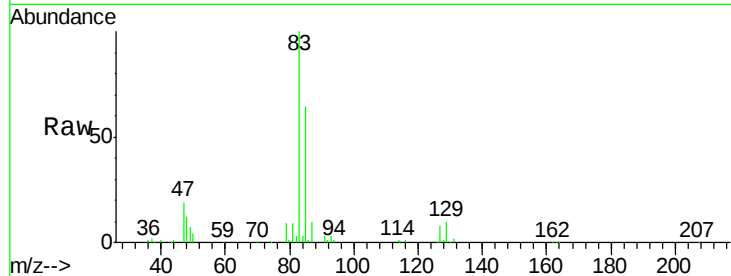
ClientSampleId :

VY0302SBSD01

Tot Ion:	83	Resp:	53488
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.4	77.0
127	7.6	6.4	9.6

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#48

Methyl methacrylate

Concen: 18.478 ug/l

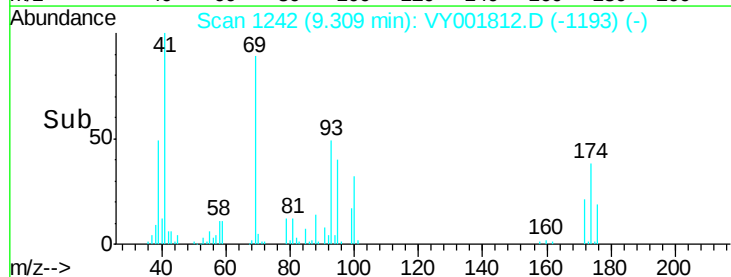
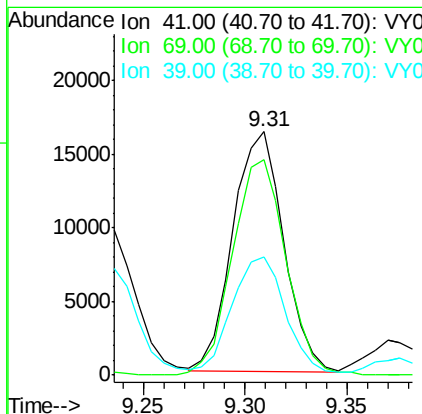
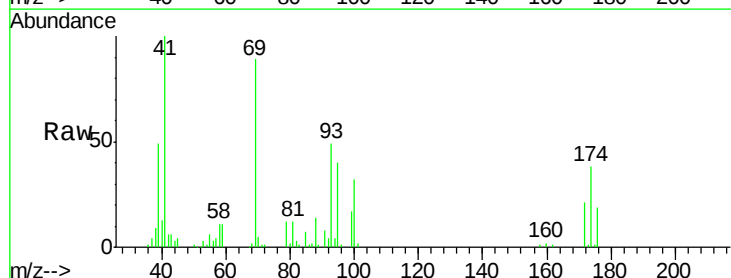
RT: 9.31 min Scan# 1242

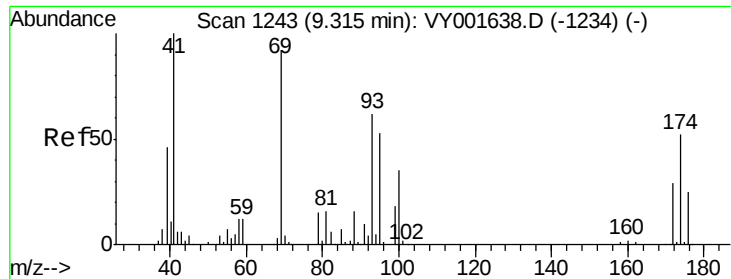
Delta R.T. 0.00 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

Tgt Ion:	41	Resp:	28153
Ion	Ratio	Lower	Upper
41	100		
69	94.7	70.7	106.1
39	49.7	42.2	63.2





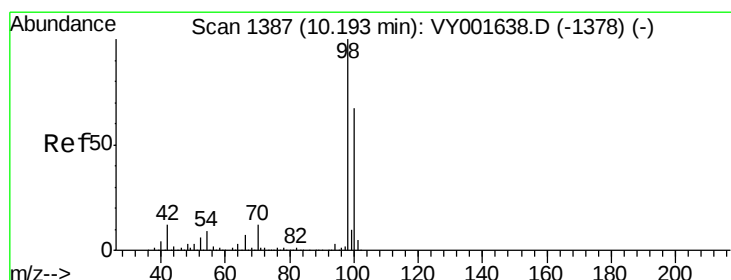
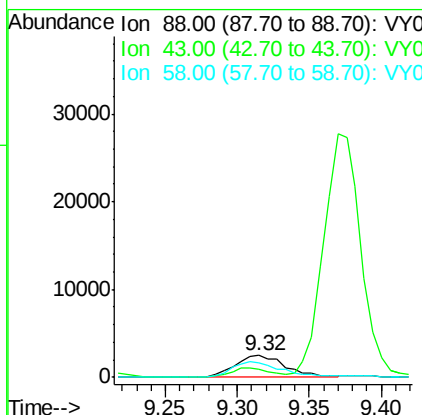
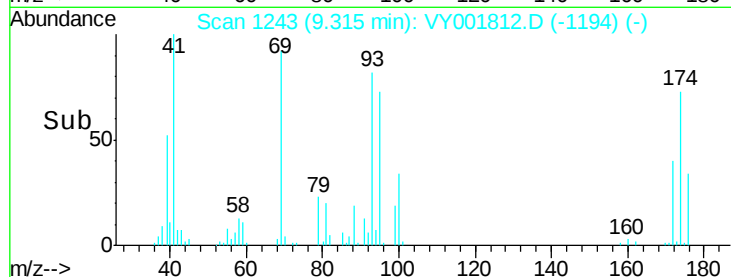
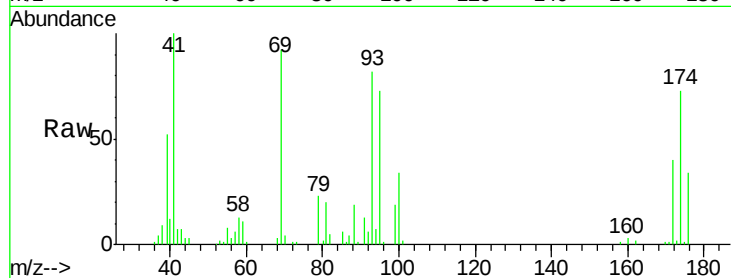
#49
1,4-Dioxane
Concen: 381.367 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	23.1	34.7
58	77.2	58.1	87.1

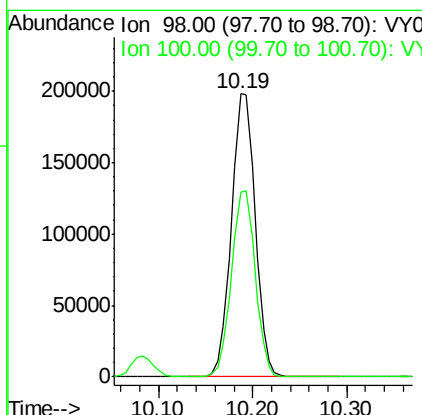
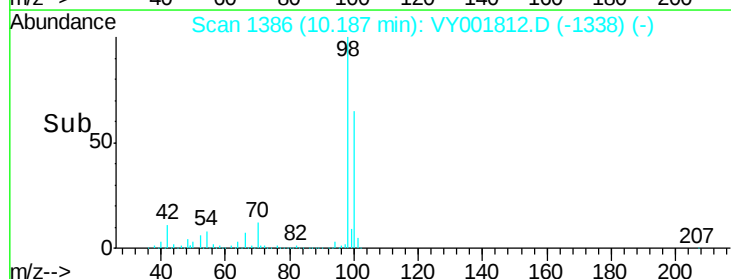
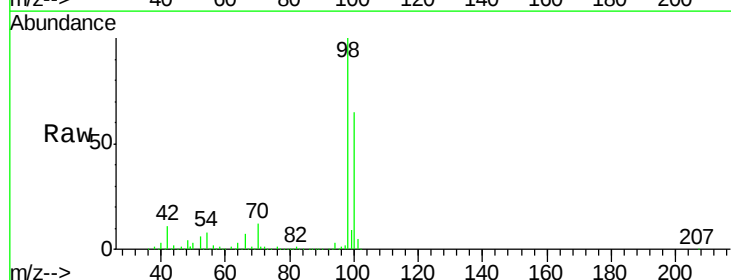
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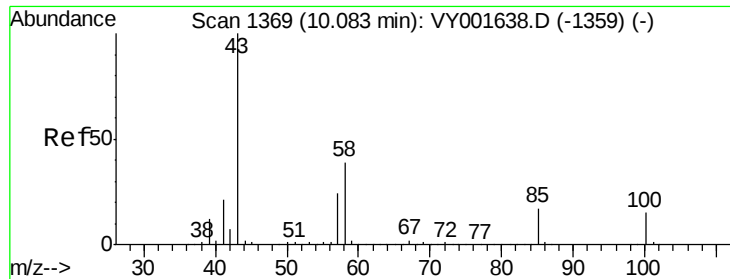
MMDadoda
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#50
Toluene-d8
Concen: 49.830 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.4





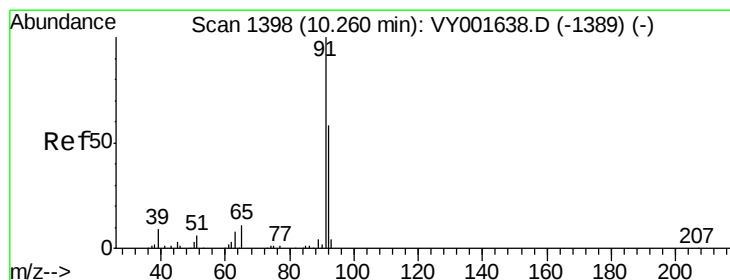
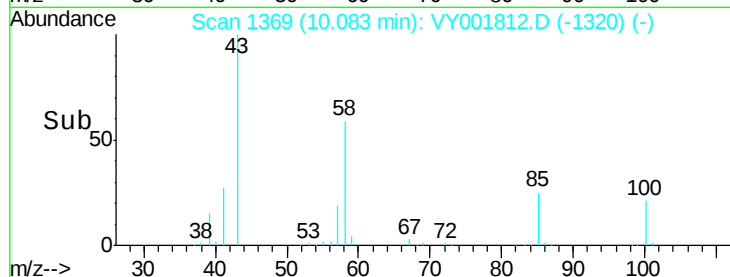
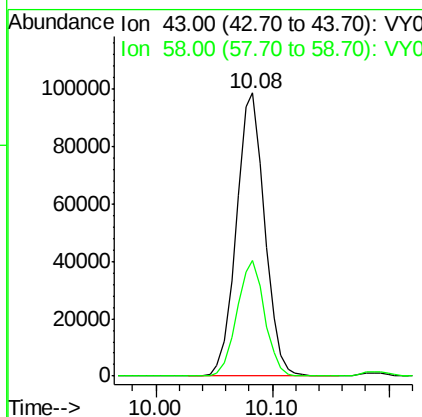
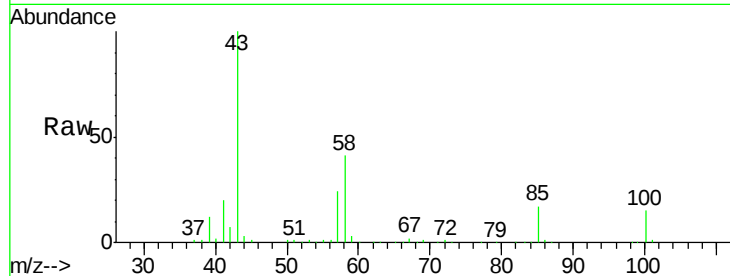
#51
4-Methyl-2-Pentanone
Concen: 96.700 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBSD01

Tot Ion: 43 Resp: 167373
Ion Ratio Lower Upper
43 100
58 40.0 32.2 48.4

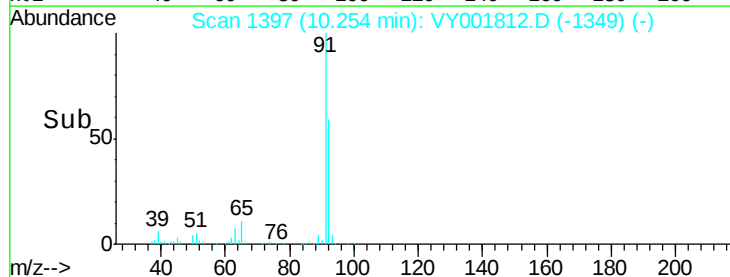
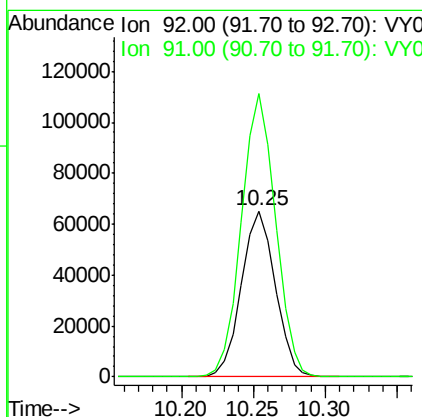
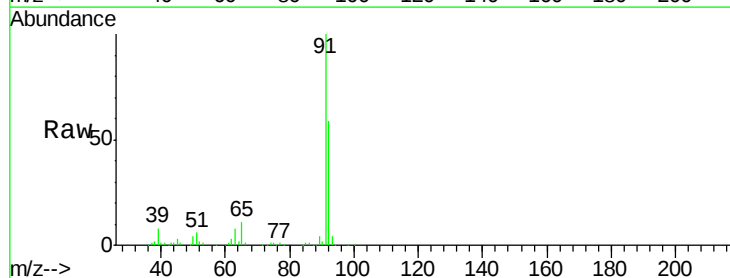
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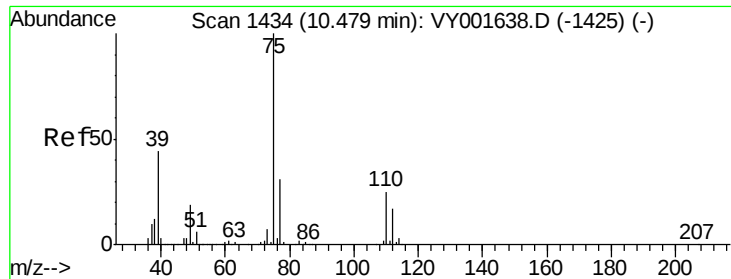
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#52
Toluene
Concen: 19.464 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Tgt Ion: 92 Resp: 106225
Ion Ratio Lower Upper
92 100
91 171.8 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 19.205 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBSD01

Tot Ion: 75 Resp: 58725

Ion Ratio Lower Upper

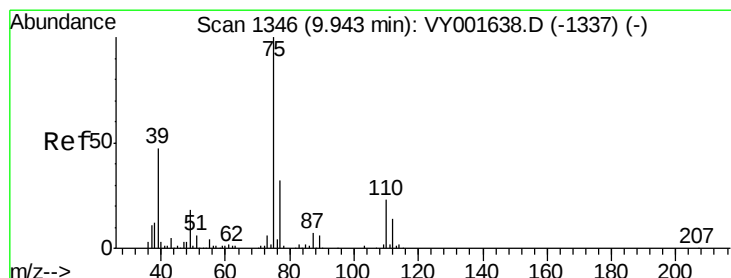
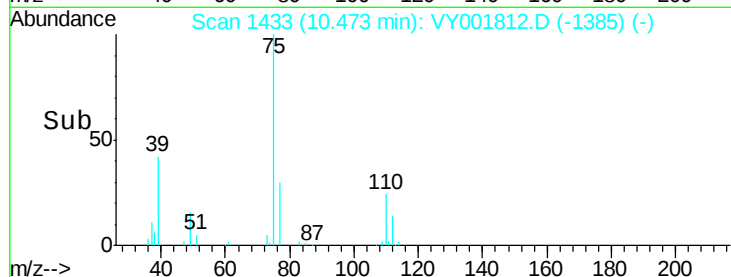
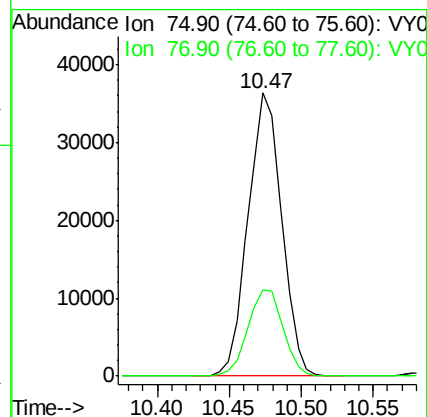
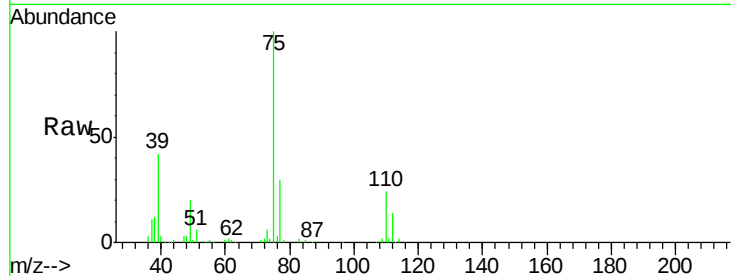
75 100

77 30.5 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 19.410 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

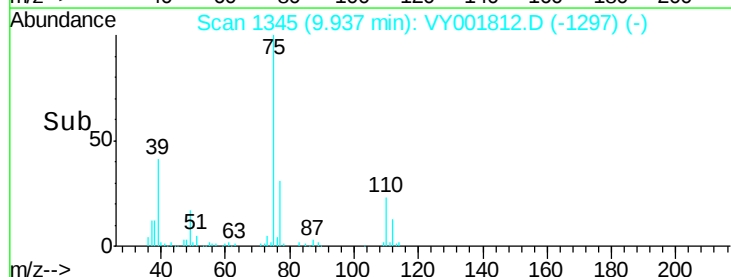
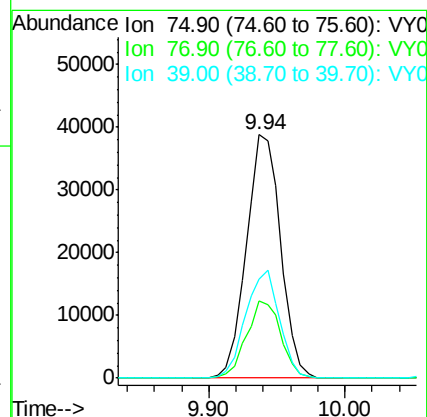
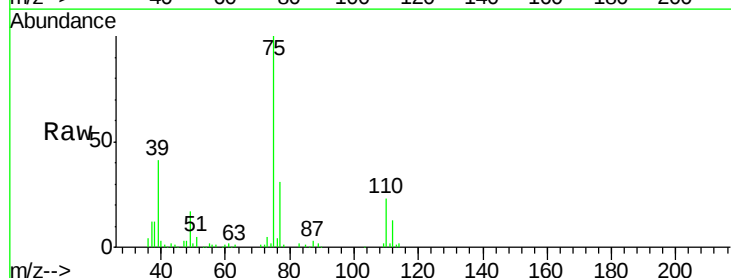
Tgt Ion: 75 Resp: 68308

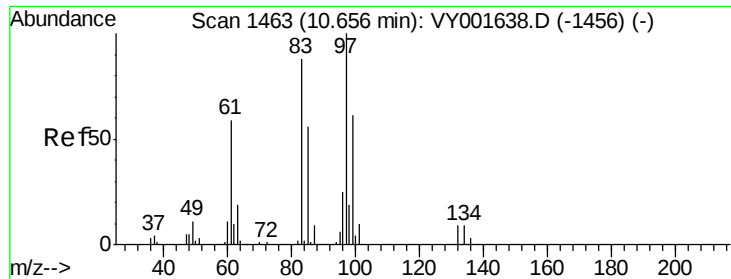
Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5

39 40.7 35.7 53.5





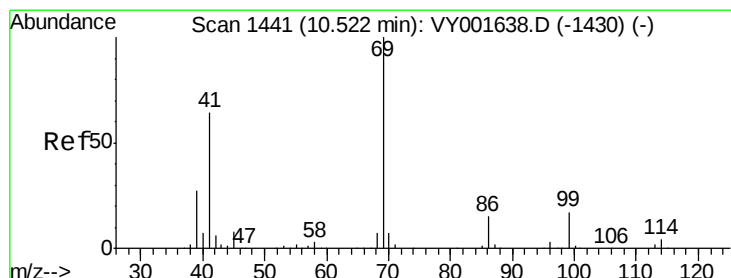
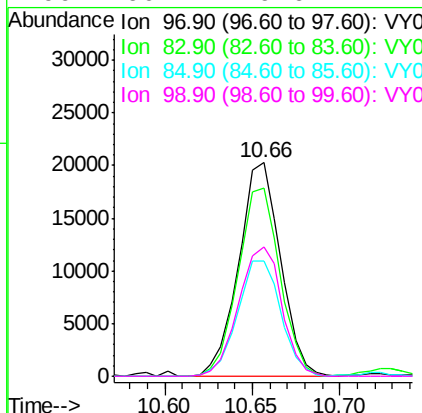
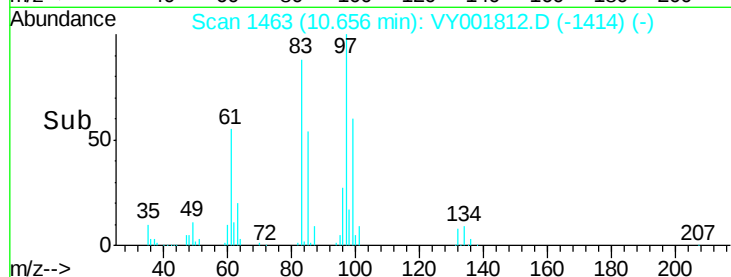
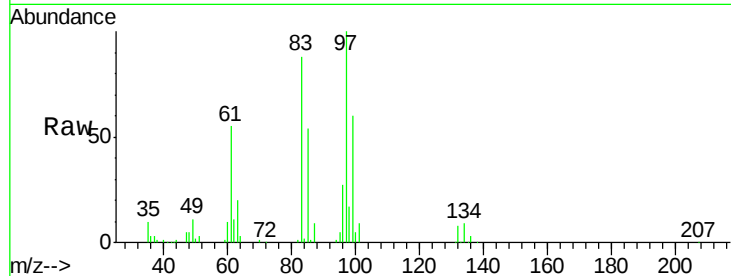
#55
 1,1,2-Trichloroethane
 Concen: 20.022 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001812.D
 Acq: 02 Mar 2020 12:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.1	69.7	104.5
85	53.8	44.5	66.7
99	60.4	49.6	74.4

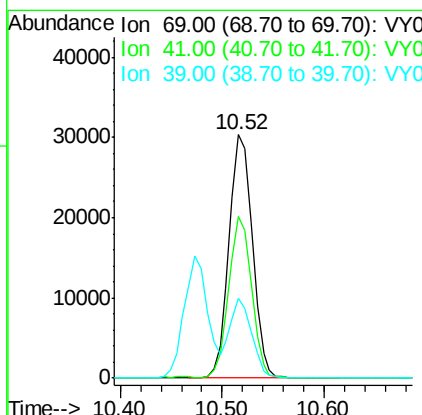
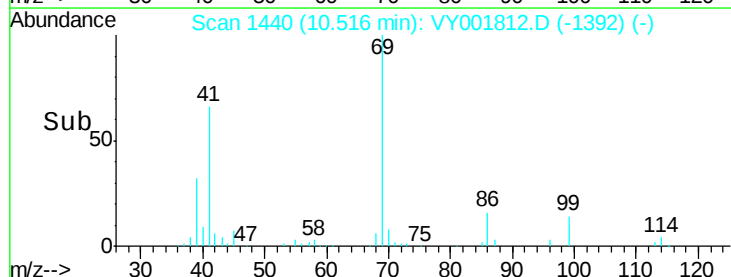
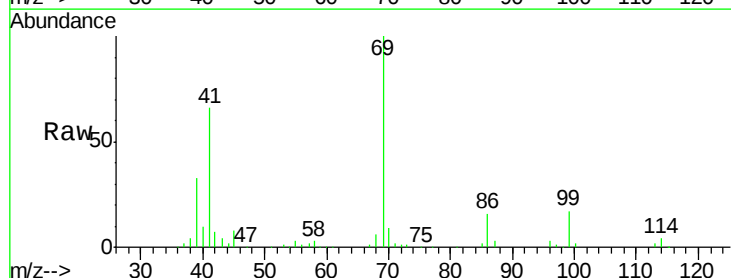
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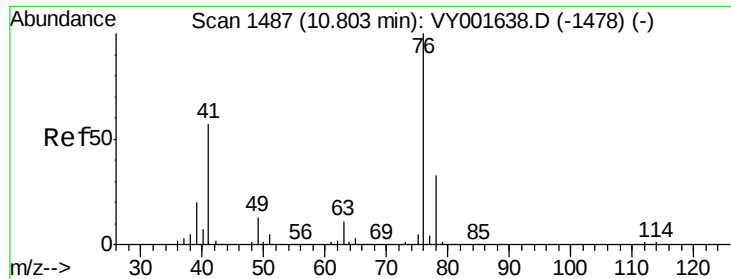
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#56
 Ethyl methacrylate
 Concen: 18.970 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY001812.D
 Acq: 02 Mar 2020 12:06

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.9	51.0	76.4
39	30.9	24.7	37.1





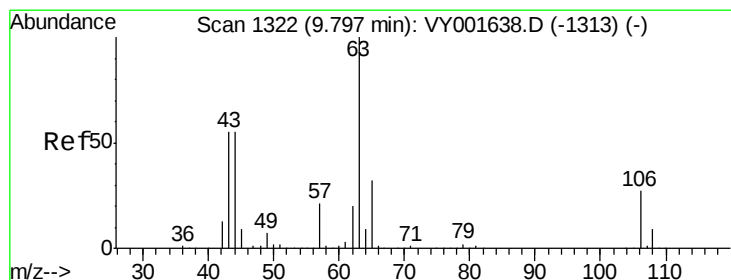
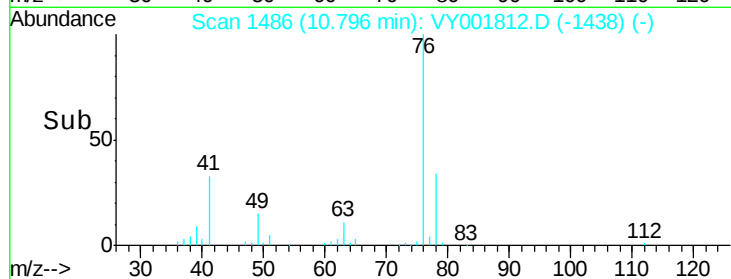
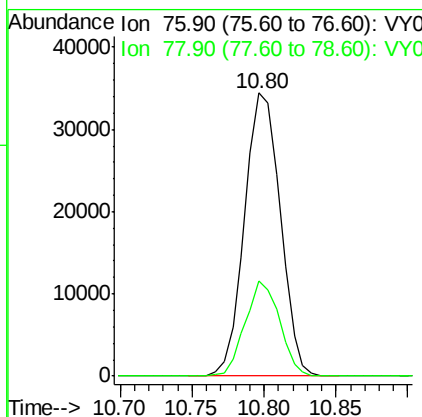
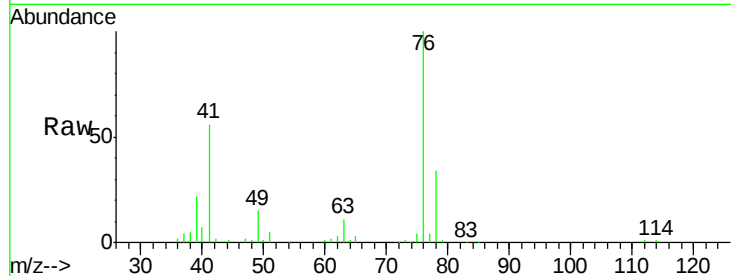
#57
 1,3-Dichloropropane
 Concen: 19.743 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VY001812.D
 Acq: 02 Mar 2020 12:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.7	38.5

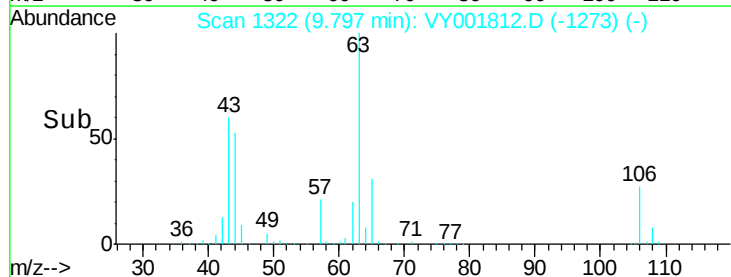
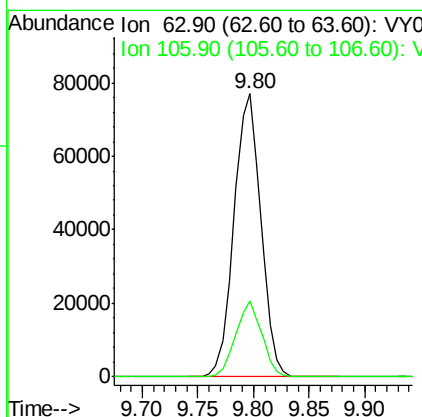
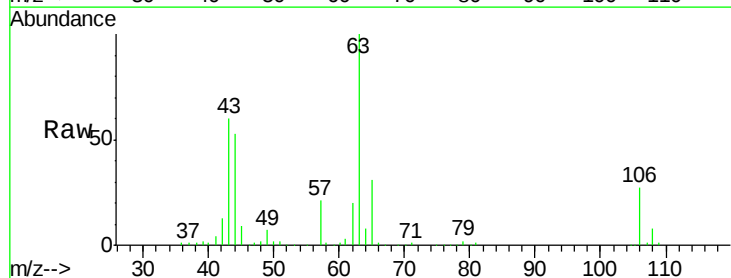
Manual Integrations
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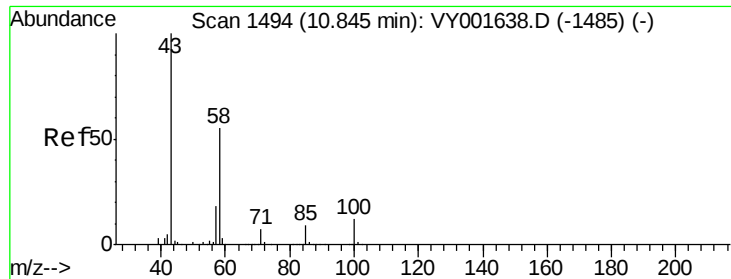
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 125.111 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY001812.D
 Acq: 02 Mar 2020 12:06

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.1	21.6	32.4





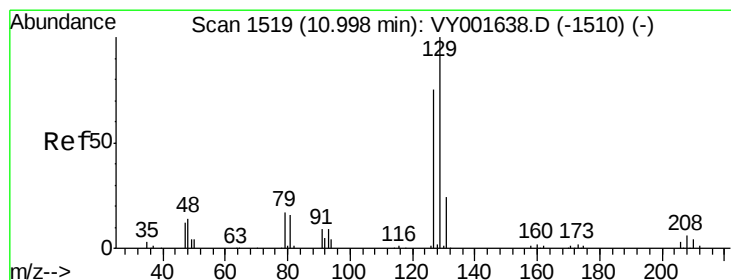
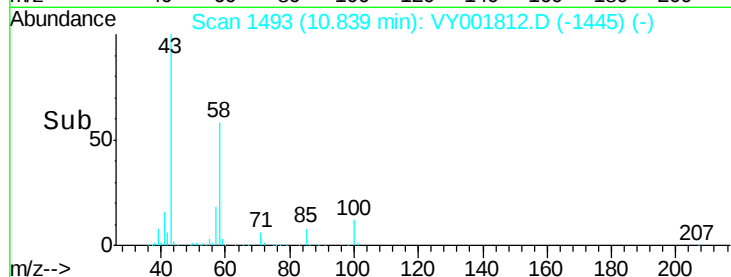
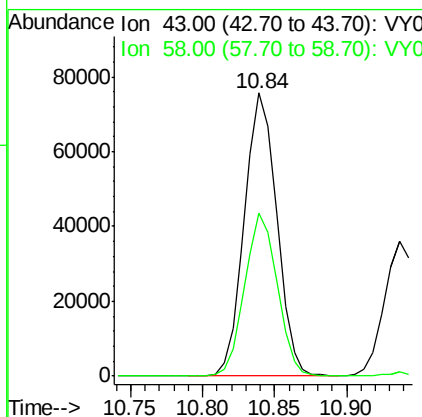
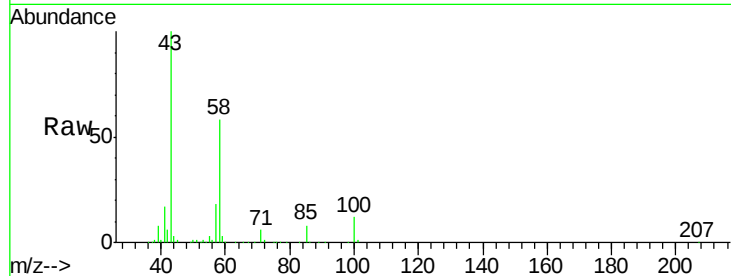
#59
2-Hexanone
Concen: 91.232 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBSD01

Tot Ion: 43 Resp: 118481
Ion Ratio Lower Upper
43 100
58 57.6 28.4 85.2

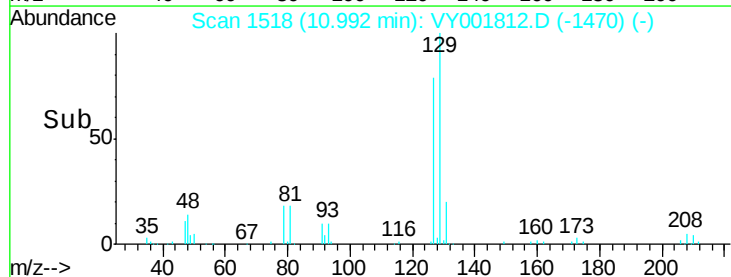
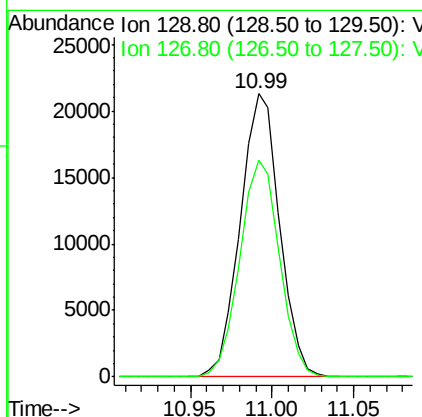
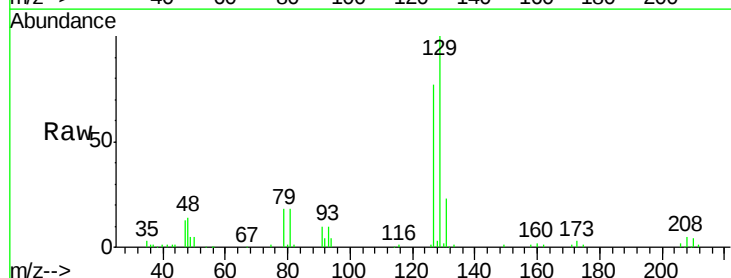
Manual Integrations
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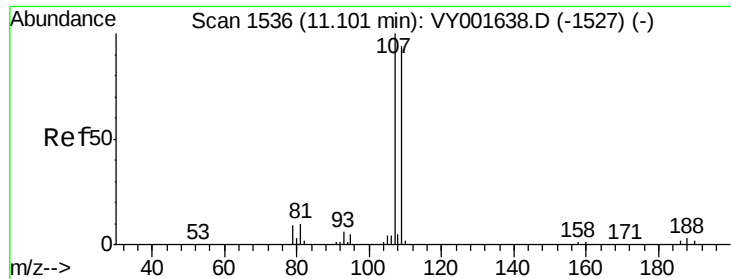
MMDadoda
3/3/2020 11:11:42 AM



#60
Dibromochloromethane
Concen: 19.215 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Tgt Ion: 129 Resp: 35800
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.6





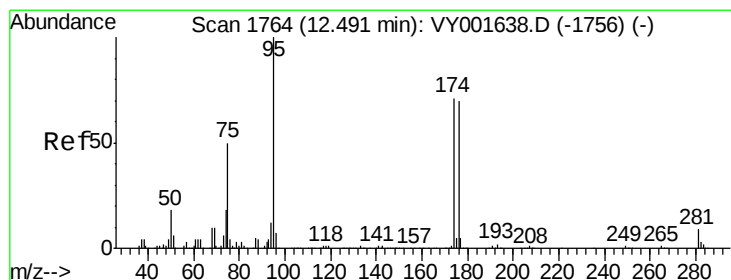
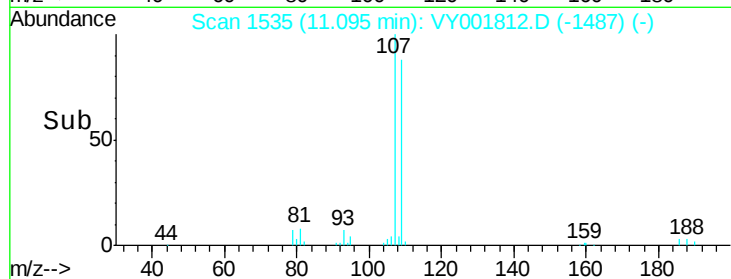
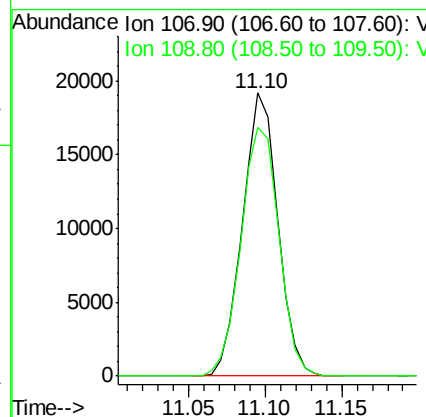
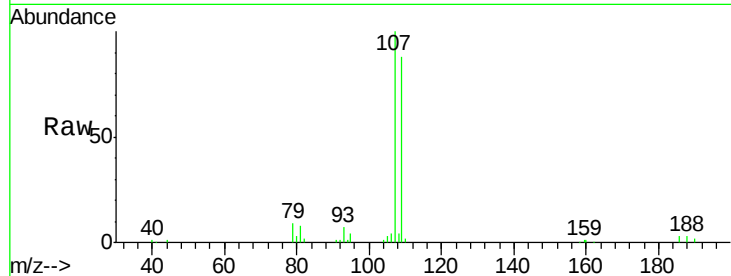
#61
 1,2-Dibromoethane
 Concen: 19.249 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY001812.D
 Acq: 02 Mar 2020 12:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	74.2	111.4

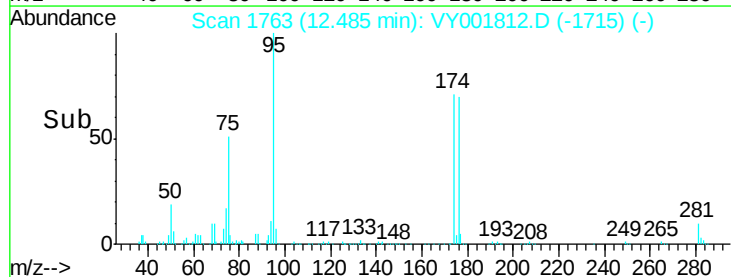
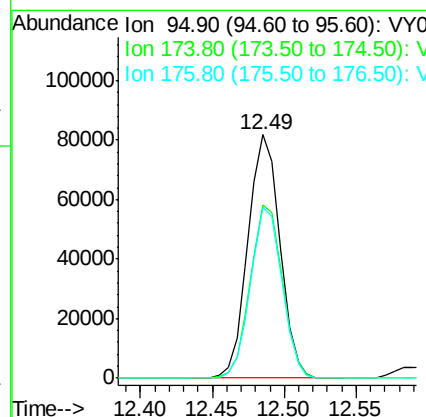
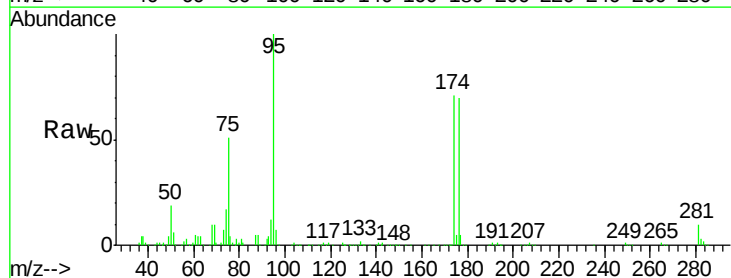
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 46.113 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001812.D
 Acq: 02 Mar 2020 12:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.4	0.0	138.4
176	69.4	0.0	131.8





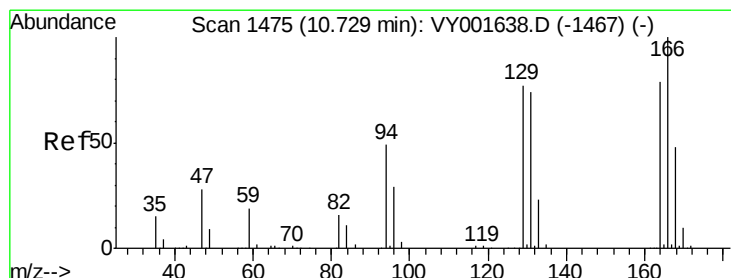
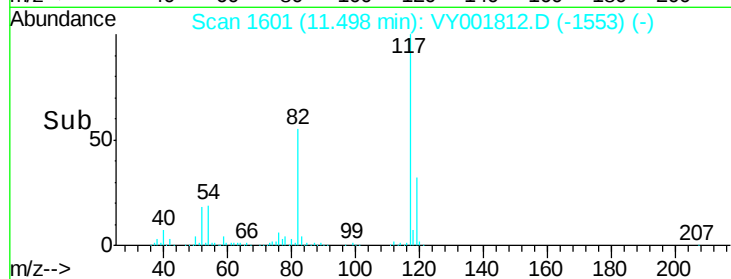
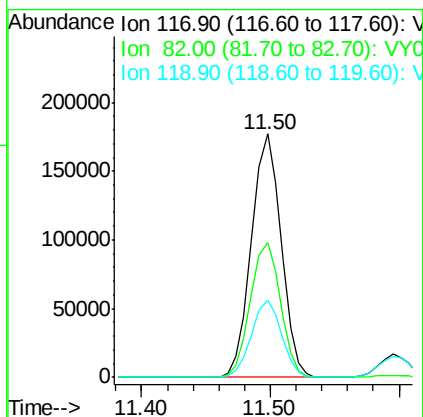
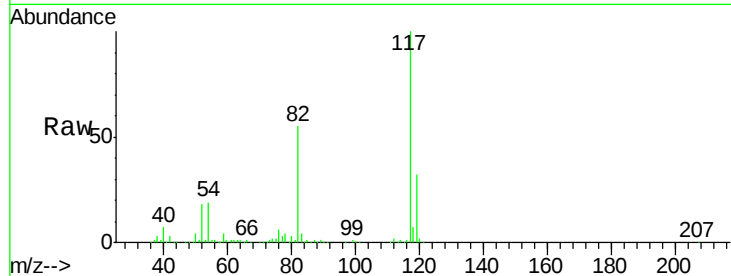
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	281311		
82	55.4	45.5	68.3	
119	31.7	25.8	38.6	

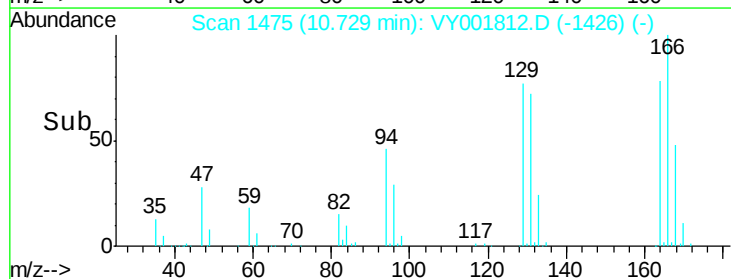
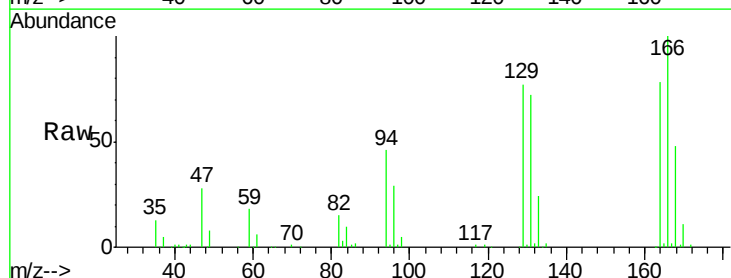
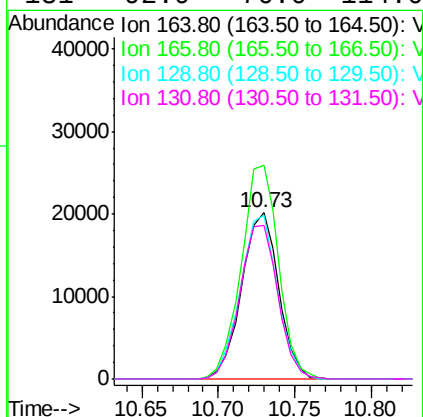
Manual Integrations
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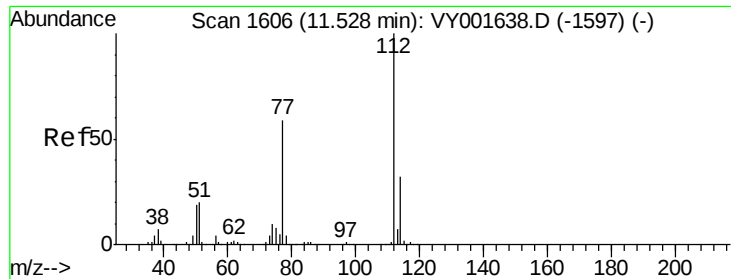
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#64
Tetrachloroethene
Concen: 19.212 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	33927		
166	128.8	101.4	152.0	
129	98.9	78.7	118.1	
131	92.9	76.0	114.0	





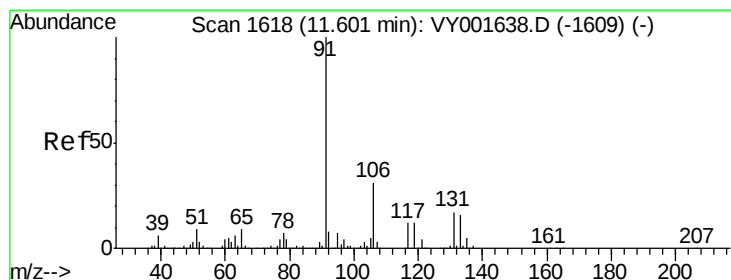
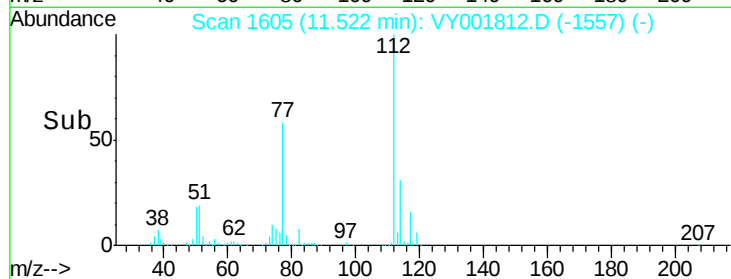
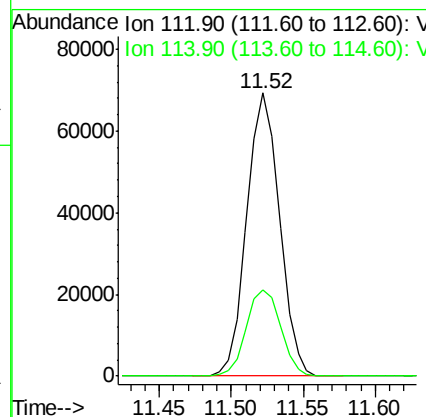
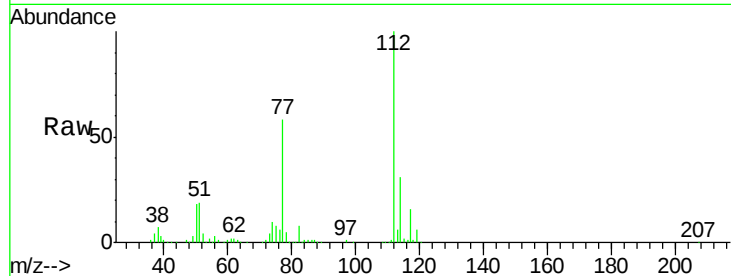
#65
Chlorobenzene
Concen: 19.474 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Instrument :
MSVOA_Y
ClientSampled :
VY0302SBSD01

Tot Ion:112 Resp: 109374
Ion Ratio Lower Upper
112 100
114 30.7 25.4 38.2

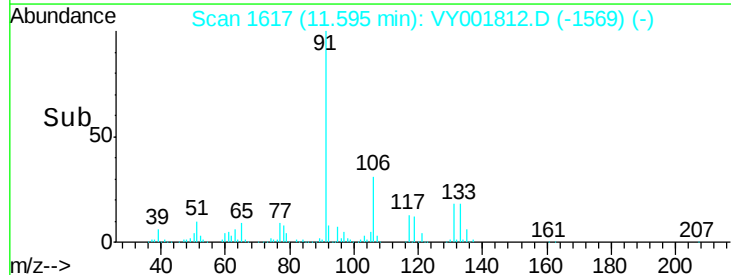
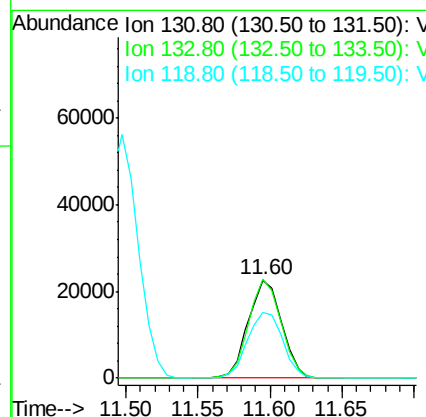
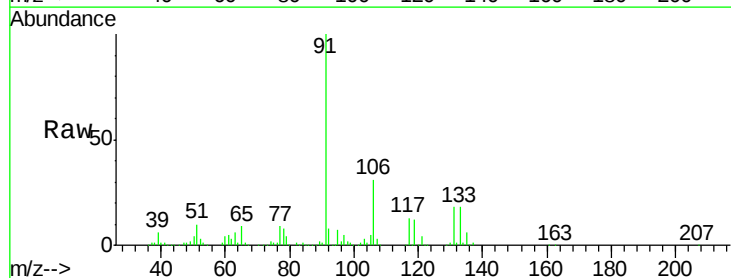
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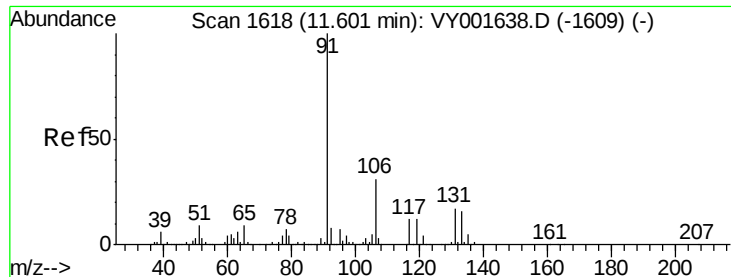
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.259 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Tgt Ion:131 Resp: 36488
Ion Ratio Lower Upper
131 100
133 97.5 47.4 142.2
119 69.7 34.4 103.1





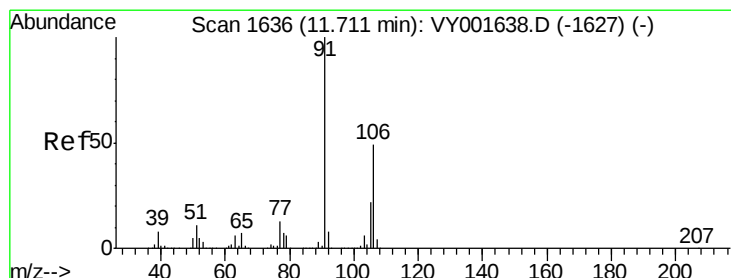
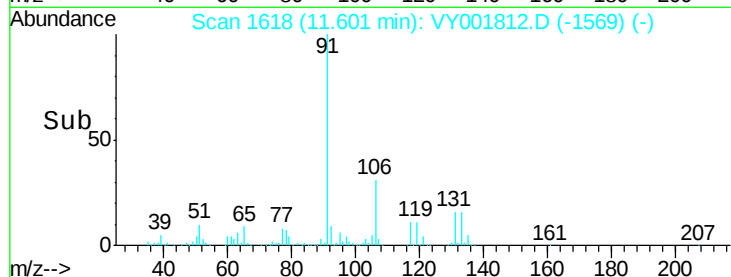
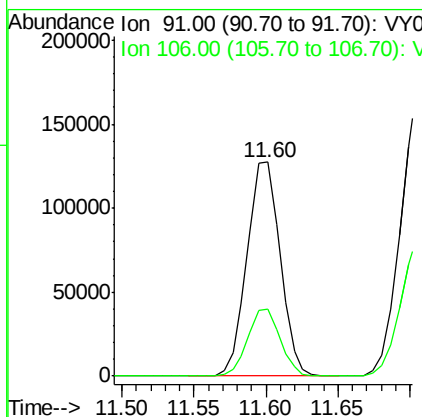
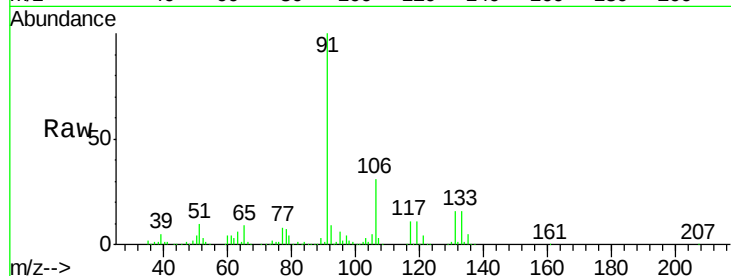
#67
Ethyl Benzene
Concen: 19.460 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Instrument :
MSVOA_Y
ClientSampled :
VY0302SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.5	36.7

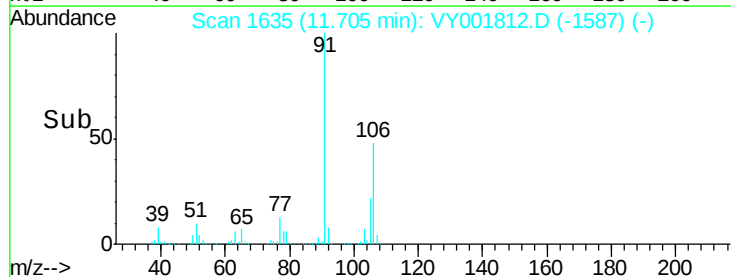
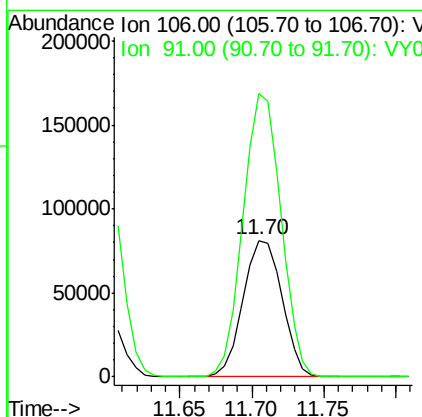
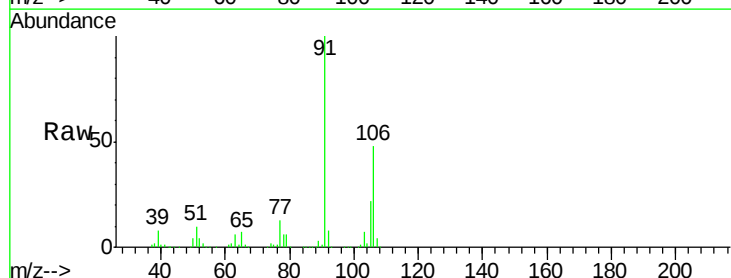
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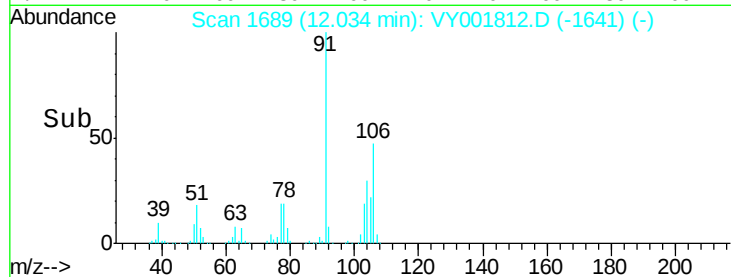
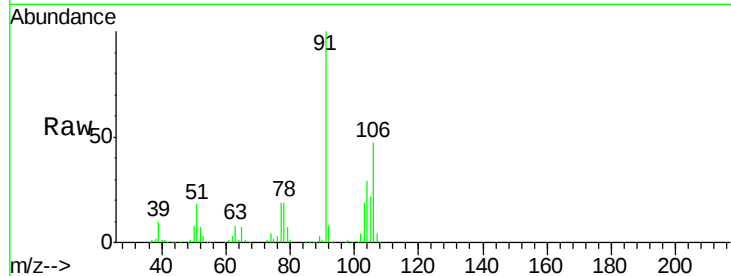
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#68
m/p-Xylenes
Concen: 39.178 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Tgt Ion	Ratio	Lower	Upper
106	100		
91	202.4	163.3	244.9





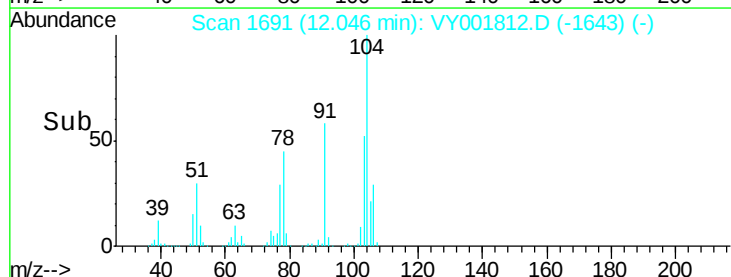
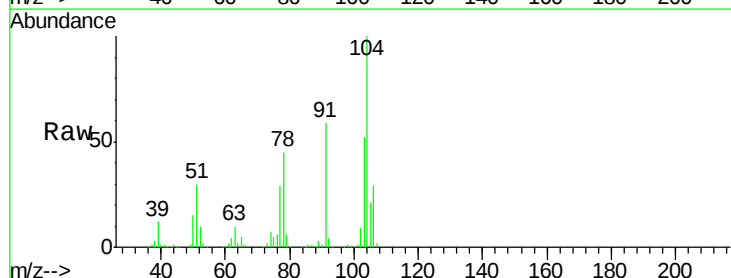
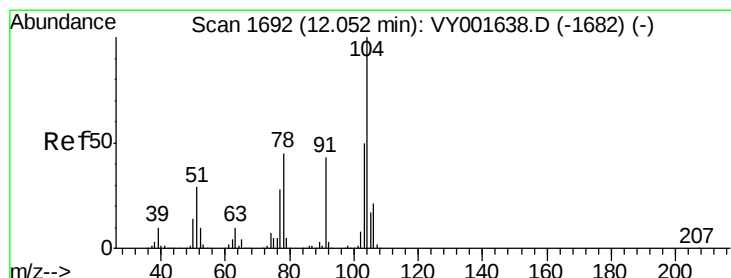
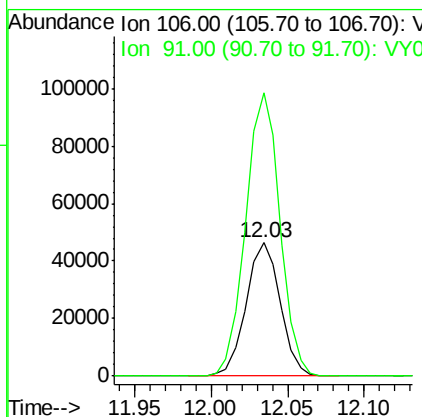
#69
o-Xylene
Concen: 19.409 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Tot Ion:106 Resp: 71841
Ion Ratio Lower Upper
106 100
91 212.9 108.3 324.9

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBSD01

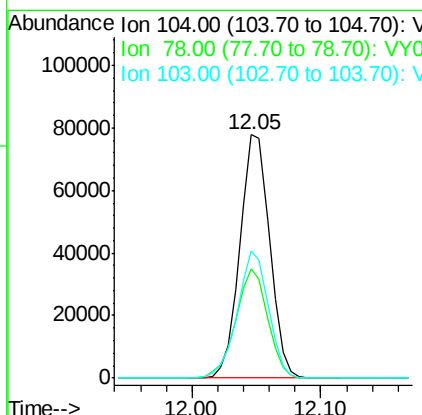
Manual Integrations
APPROVED

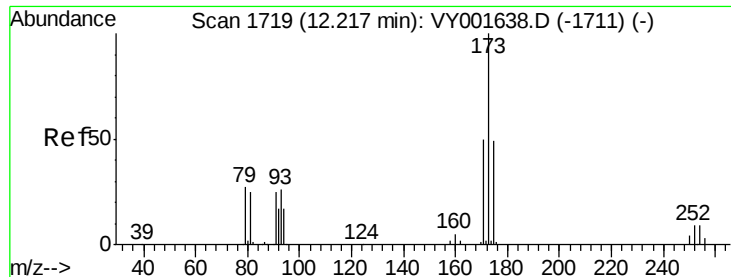
MMDadoda
3/3/2020 11:11:42 AM



#70
Styrene
Concen: 19.298 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Tgt Ion:104 Resp: 124138
Ion Ratio Lower Upper
104 100
78 48.2 39.2 58.8
103 54.6 43.0 64.6





#71

Bromoform

Concen: 18.247 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

Instrument :

MSVOA_Y

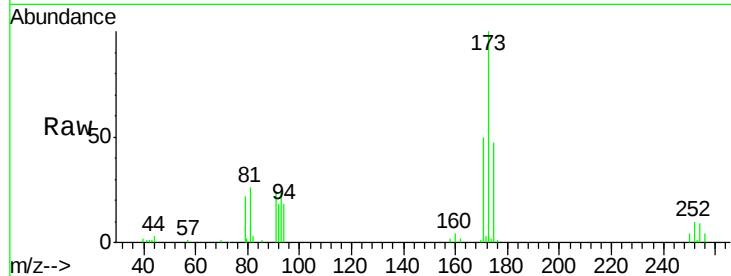
ClientSampleId :

VY0302SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.3	73.0
254	0.0	0.1	0.1#

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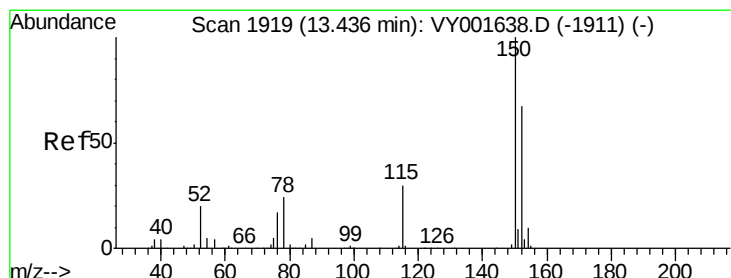
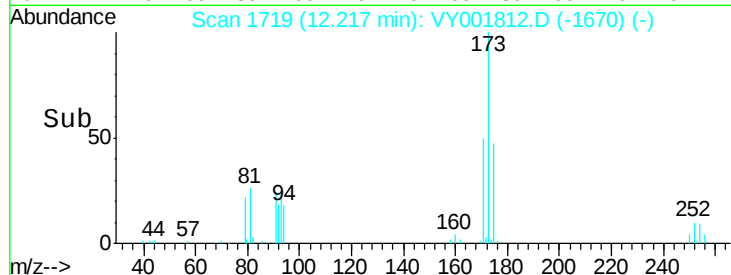
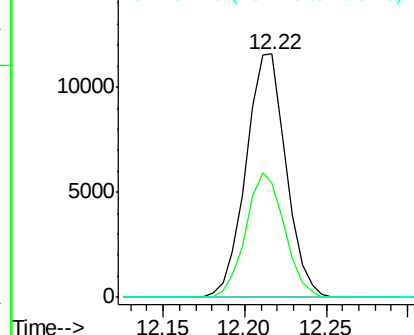


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

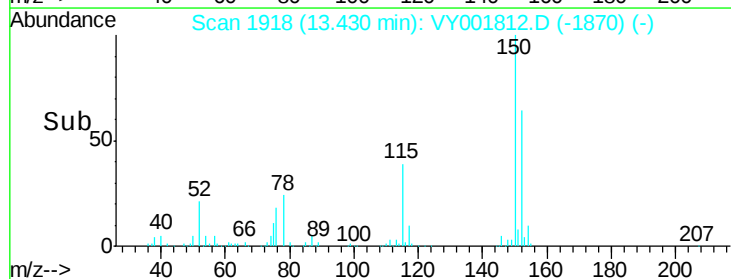
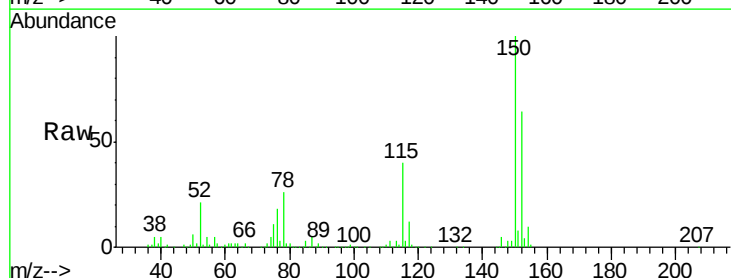
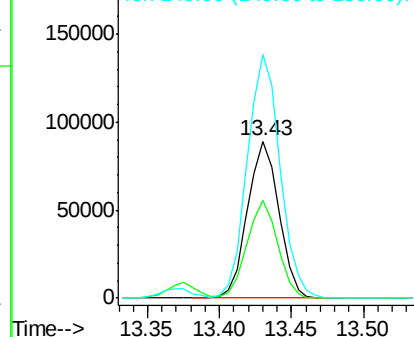
Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	31.4	94.2
150	162.4	0.0	407.2

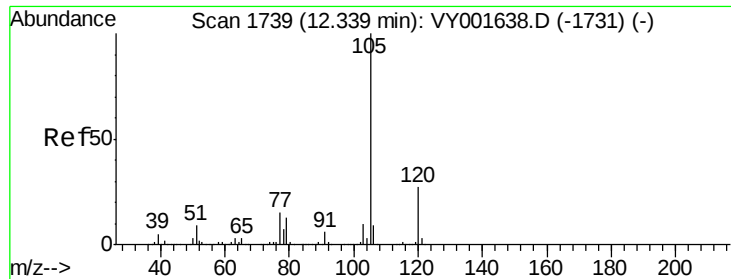
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





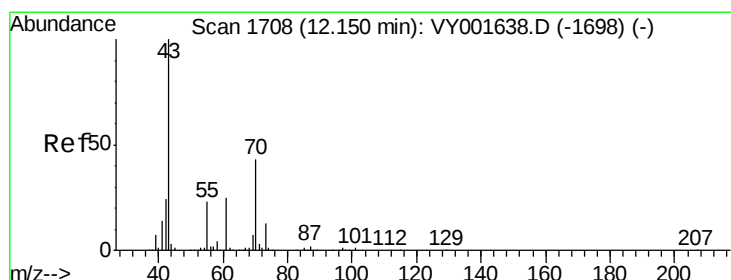
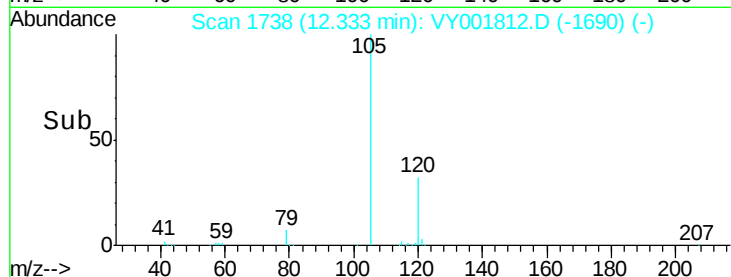
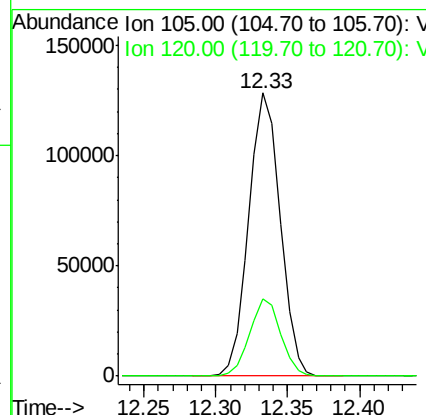
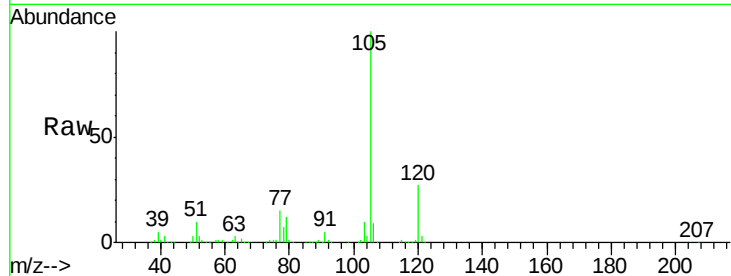
#73
Isopropylbenzene
Concen: 18.951 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	193568		
120	26.8	13.4	40.1	

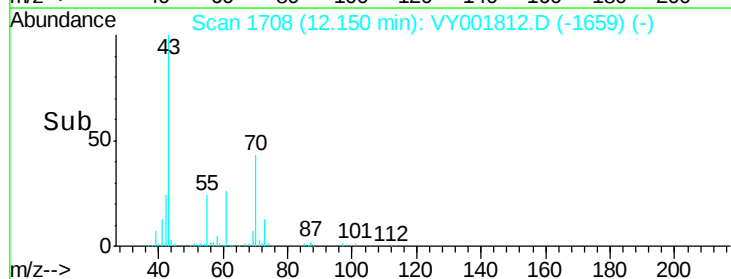
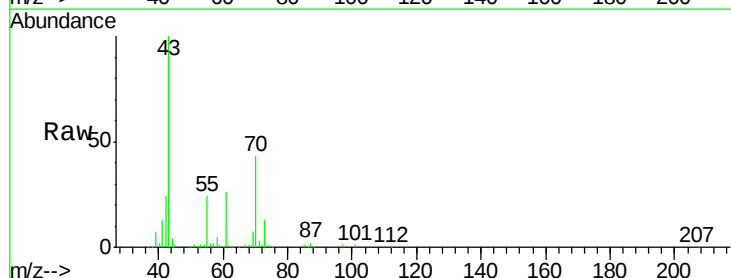
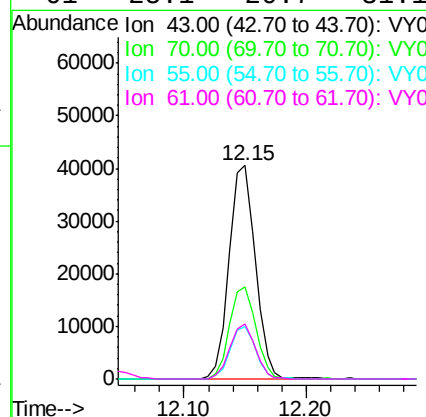
Manual Integrations
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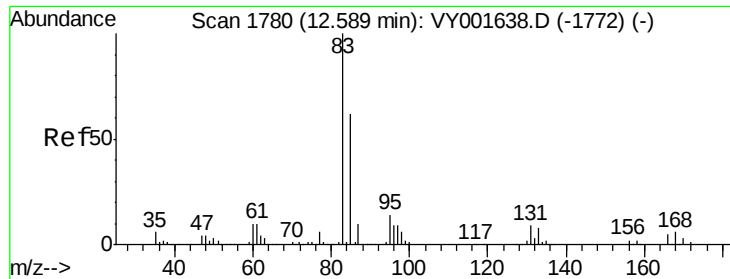
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#74
N-ethyl acetate
Concen: 18.512 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	60345		
70	43.3	35.9	53.9	
55	23.8	18.3	27.5	
61	25.1	20.7	31.1	





#75

1,1,2,2-Tetrachloroethane

Concen: 19.263 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

Instrument :

MSVOA_Y

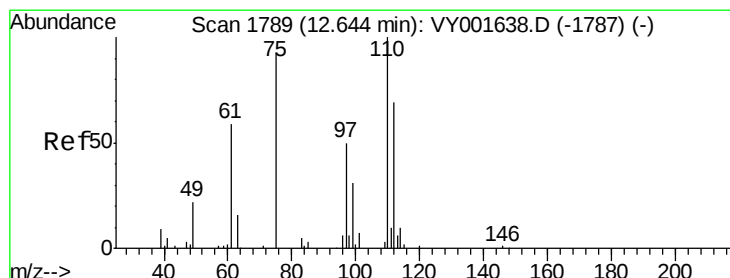
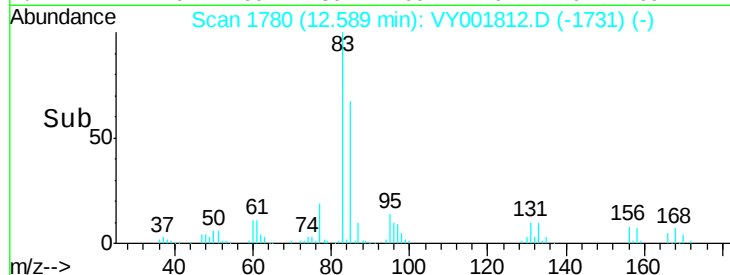
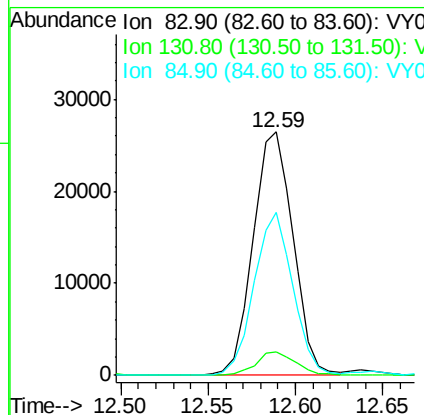
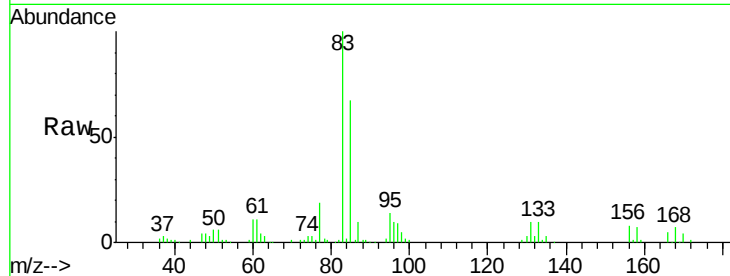
ClientSampleId :

VY0302SBSD01

Tot Ion:	83	Resp:	42011
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.7	14.1
85	64.8	31.6	94.7

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#76

1,2,3-Trichloropropane

Concen: 18.801 ug/l m

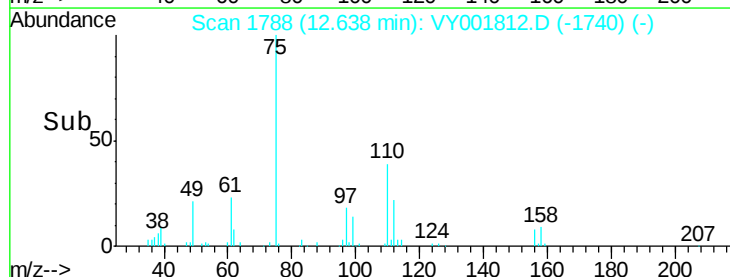
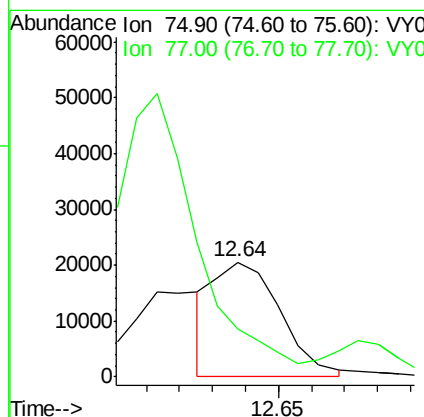
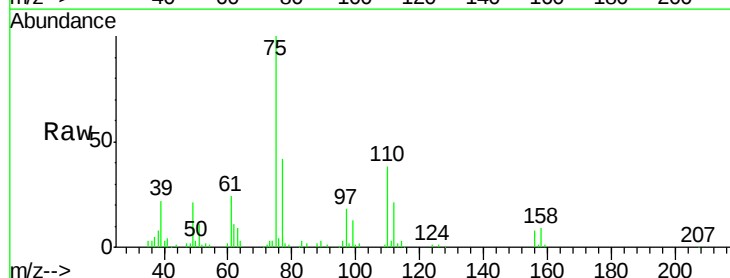
RT: 12.64 min Scan# 1788

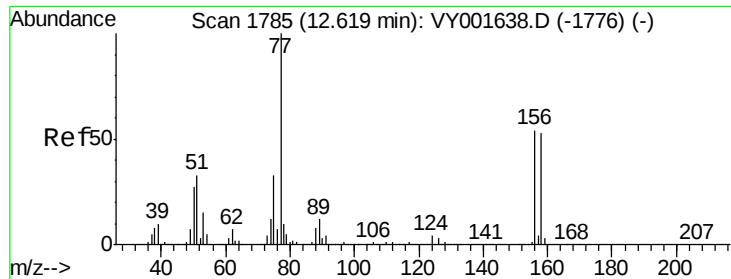
Delta R.T. -0.01 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

Tgt Ion:	75	Resp:	28917
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





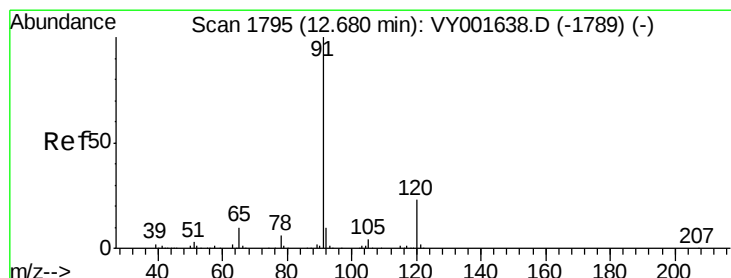
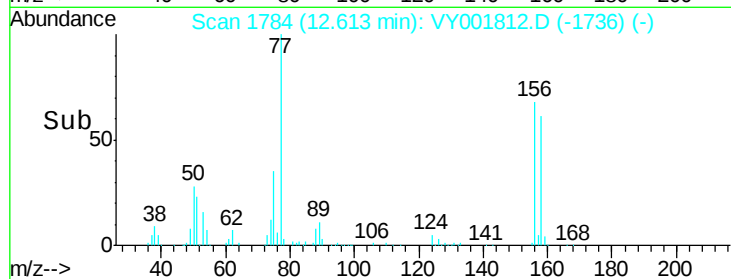
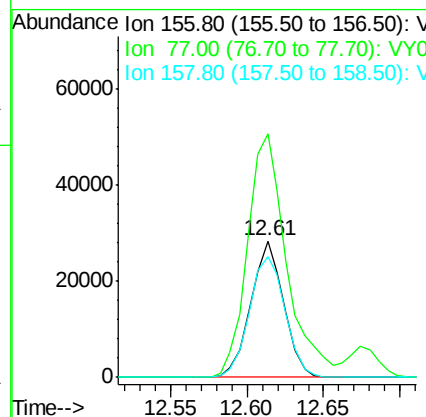
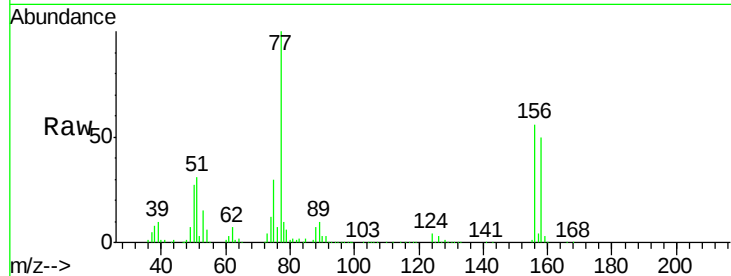
#77
Bromobenzene
Concen: 19.084 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	211.8	110.1	330.1	
158	96.6	47.9	143.7	

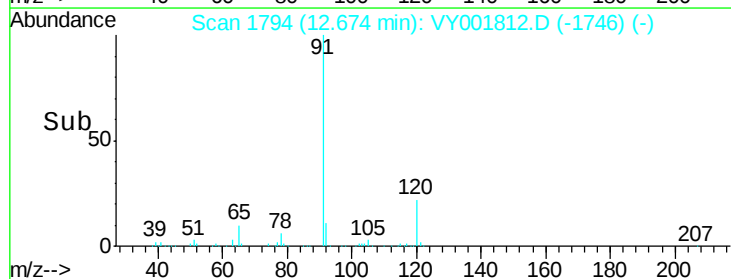
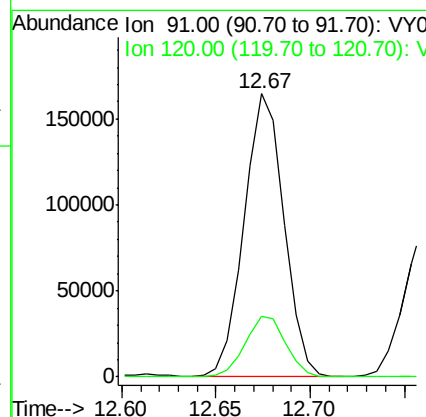
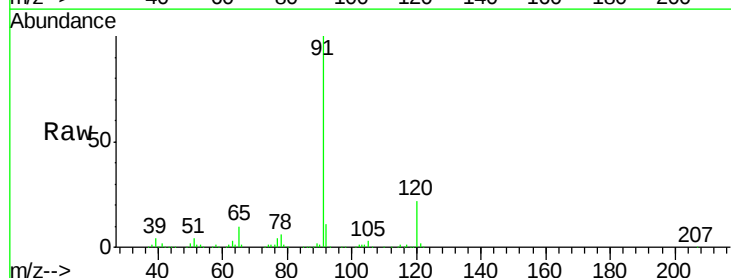
Manual Integrations
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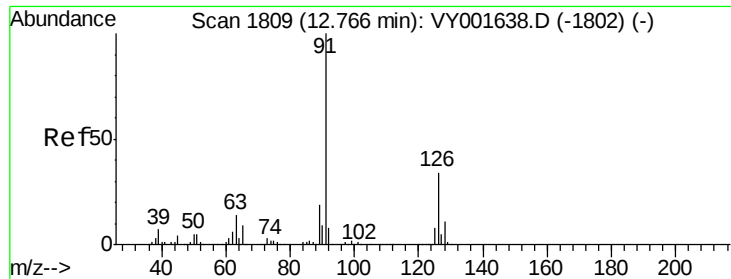
MMDadoda
3/3/2020 11:11:42 AM



#78
n-propylbenzene
Concen: 19.430 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	21.7	11.1	33.1	





#79

2-Chlorotoluene

Concen: 19.101 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

Instrument :

MSVOA_Y

ClientSampled :

VY0302SBSD01

Tot Ion: 91 Resp: 133272

Ion Ratio Lower Upper

91 100

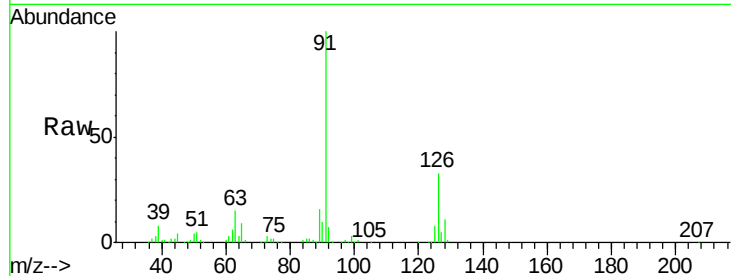
126 33.2 16.2 48.6

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY001638.D (-1802) (-)

Ion 125.90 (125.60 to 126.60): VY001638.D (-1802) (-)

150000

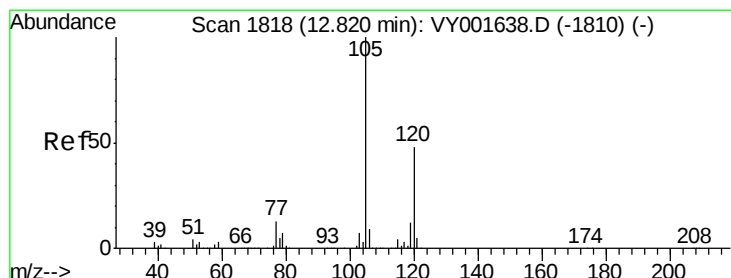
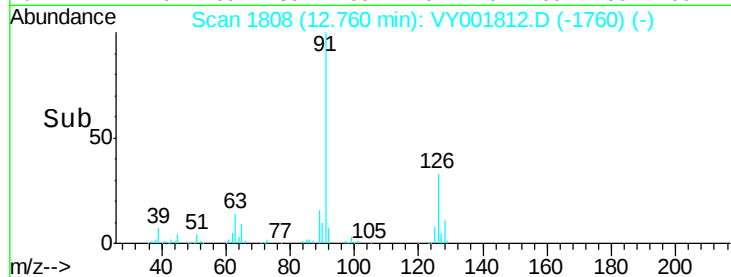
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.185 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001812.D

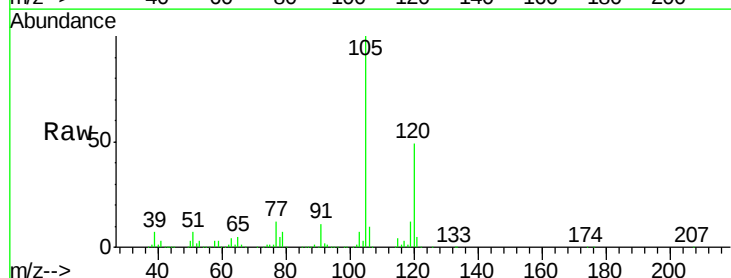
Acq: 02 Mar 2020 12:06

Tgt Ion: 105 Resp: 162211

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001638.D (-1810) (-)

Ion 120.00 (119.70 to 120.70): VY001638.D (-1810) (-)

120000

100000

80000

60000

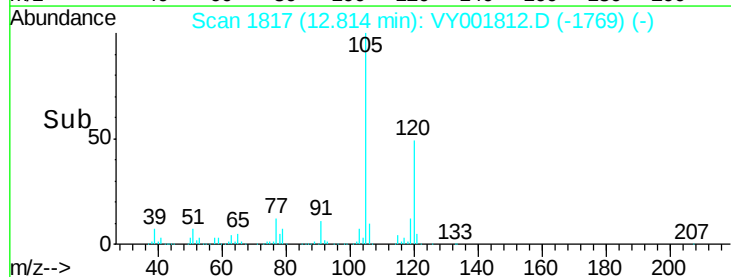
40000

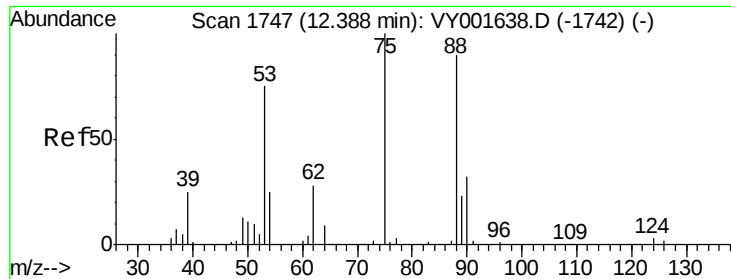
20000

0

12.75 12.80 12.85 12.90

Time-->





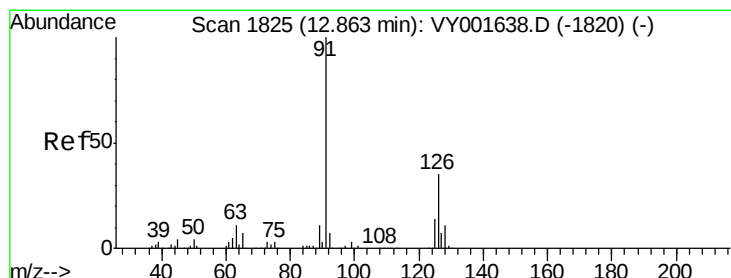
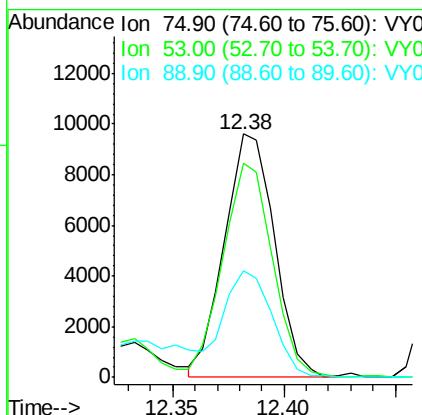
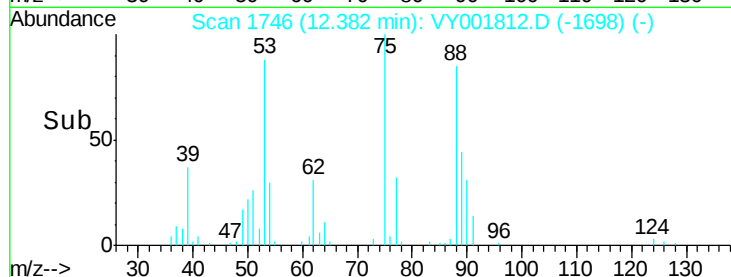
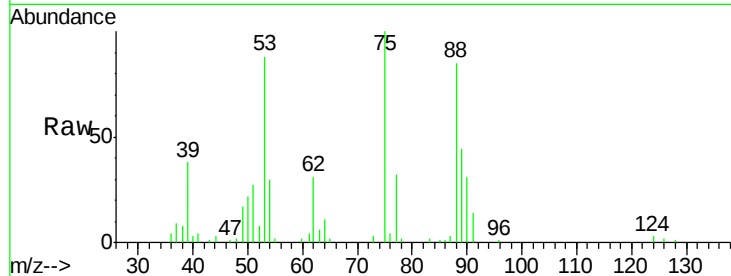
#81
trans-1,4-Dichloro-2-butene
Concen: 18.567 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.9	64.5	96.7
89	42.0	36.3	54.5

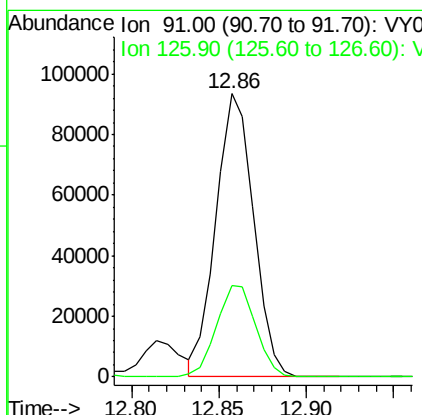
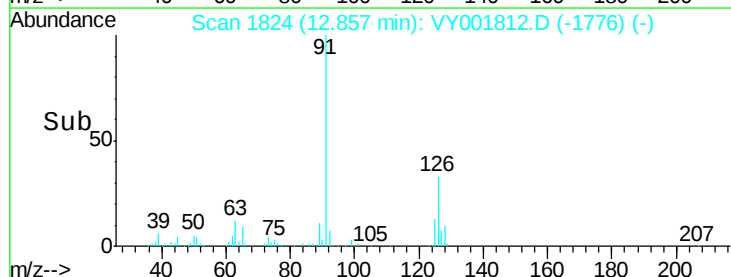
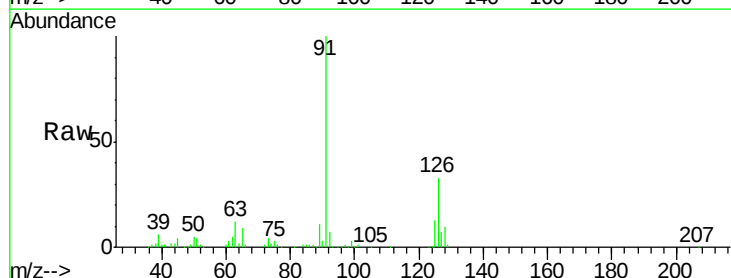
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#82
4-Chlorotoluene
Concen: 19.078 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.2	48.6





#83

tert-Butylbenzene

Concen: 19.853 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.01 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

Instrument :

MSVOA_Y

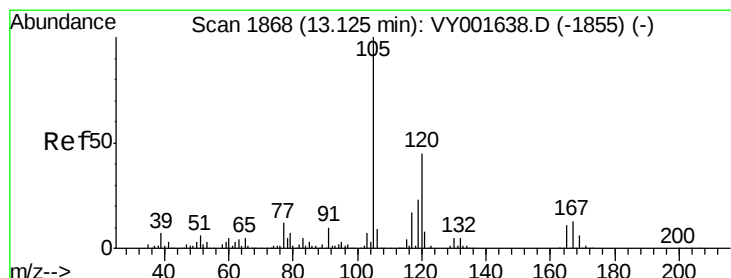
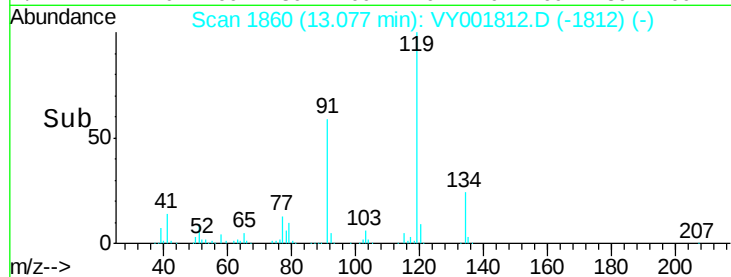
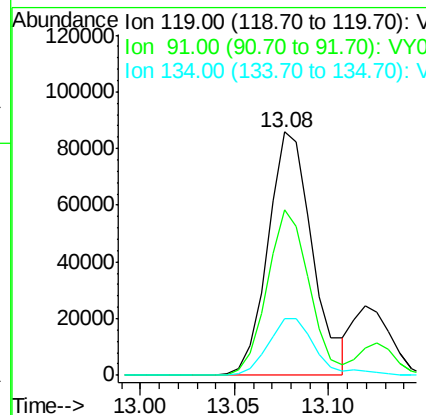
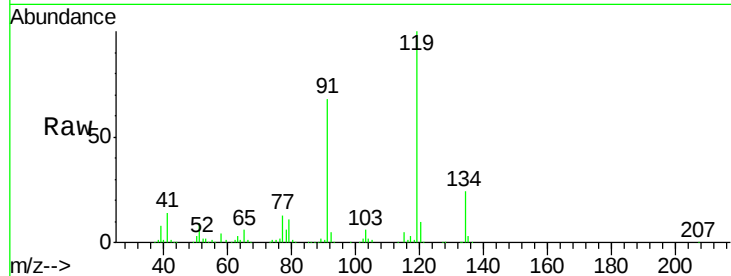
ClientSampleId :

VY0302SBSD01

Tot Ion:	119	Resp:	140388
Ion Ratio	Lower	Upper	
119	100		
91	64.2	33.5	100.5
134	25.2	13.3	39.8

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.223 ug/l

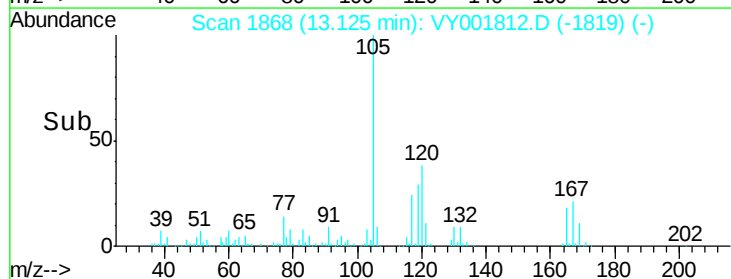
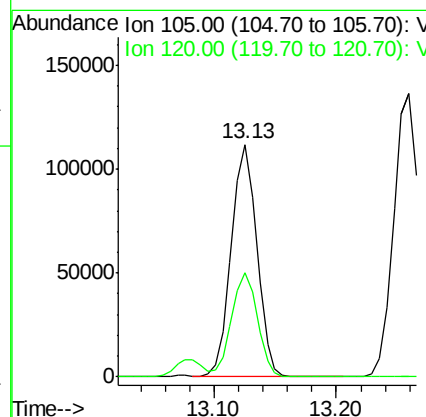
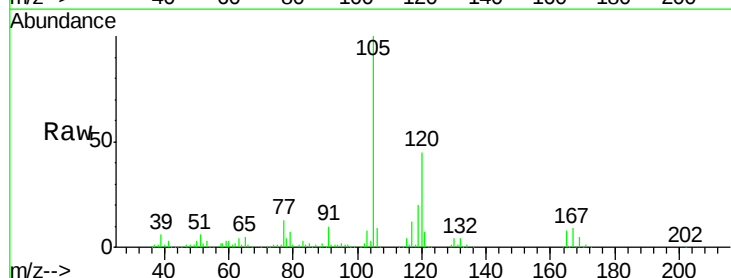
RT: 13.13 min Scan# 1868

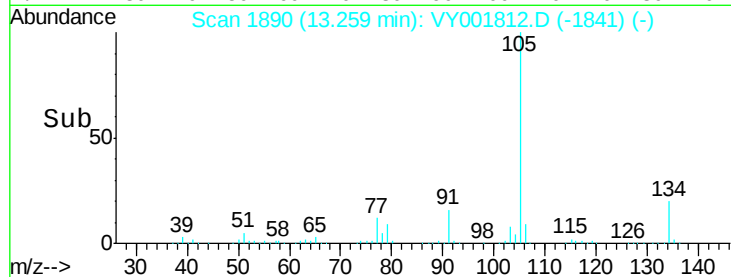
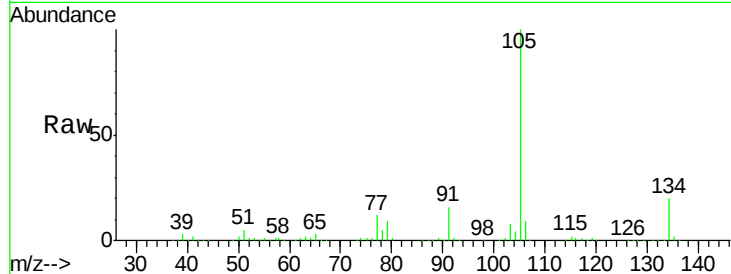
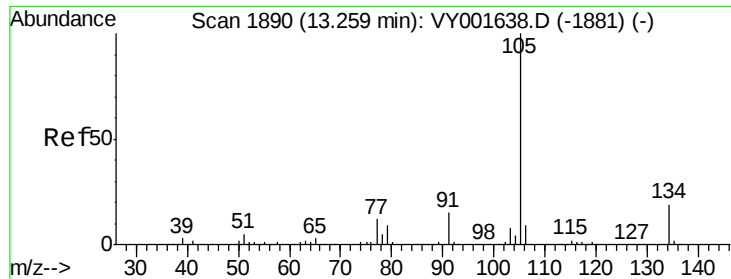
Delta R.T. 0.00 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

Tgt Ion:	105	Resp:	162035
Ion Ratio	Lower	Upper	
105	100		
120	45.3	22.4	67.3





#85

sec-Butylbenzene

Concen: 19.421 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

Tot Ion:105 Resp: 201988

Ion Ratio Lower Upper

105 100

134 19.2 9.8 29.3

Instrument :

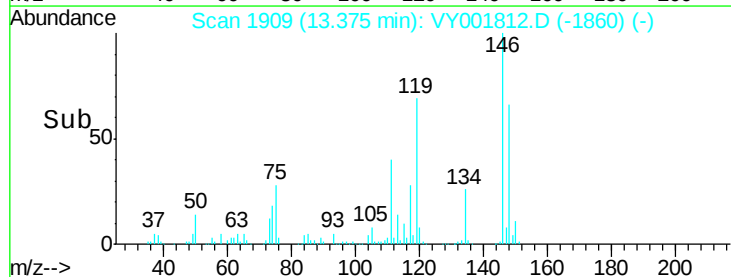
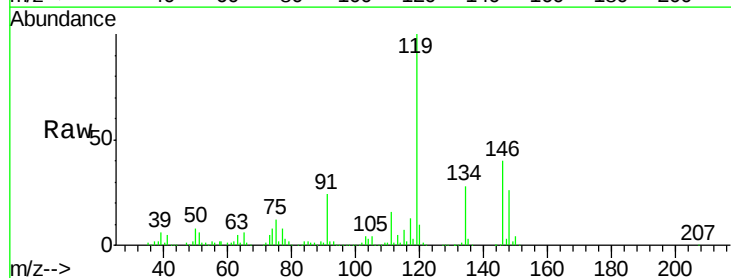
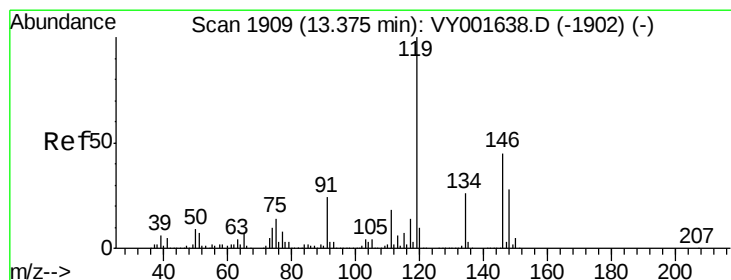
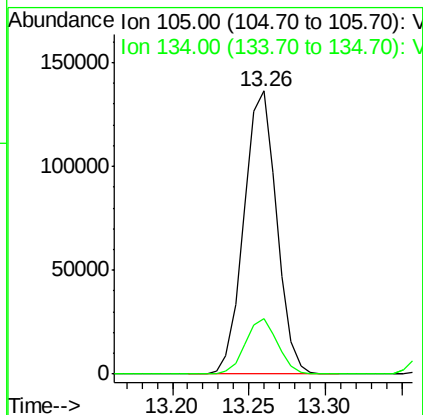
MSVOA_Y

ClientSampleId :

VY0302SBS01

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#86

p-Isopropyltoluene

Concen: 19.447 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

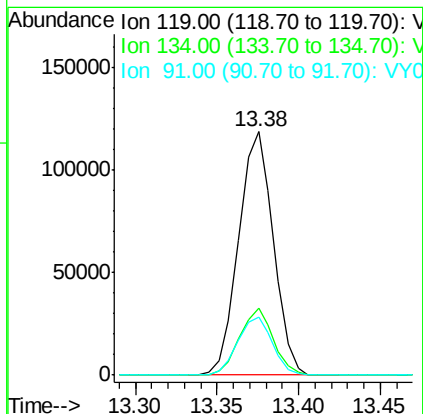
Tgt Ion:119 Resp: 175703

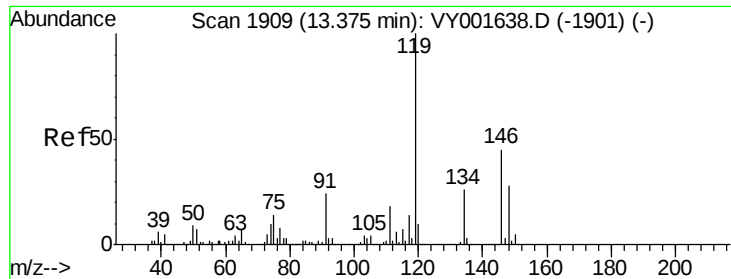
Ion Ratio Lower Upper

119 100

134 26.6 13.0 39.0

91 23.9 12.2 36.6





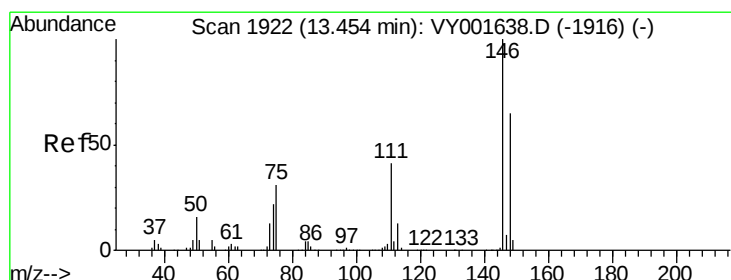
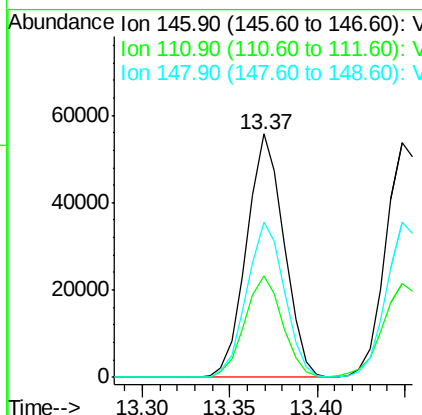
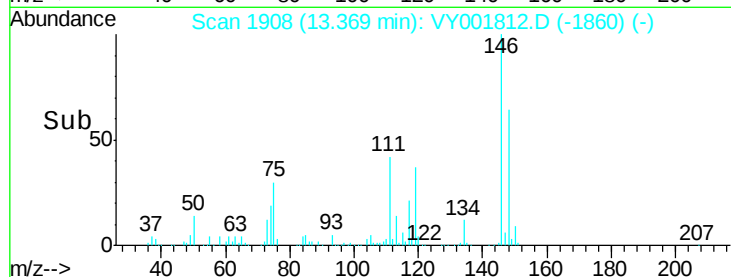
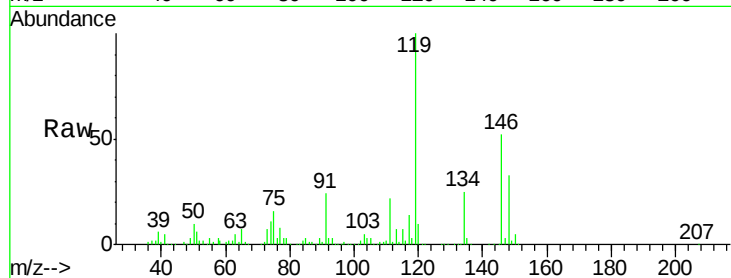
#87
 1,3-Dichlorobenzene
 Concen: 19.322 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001812.D
 Acq: 02 Mar 2020 12:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.4	64.3
148	64.1	31.6	94.7

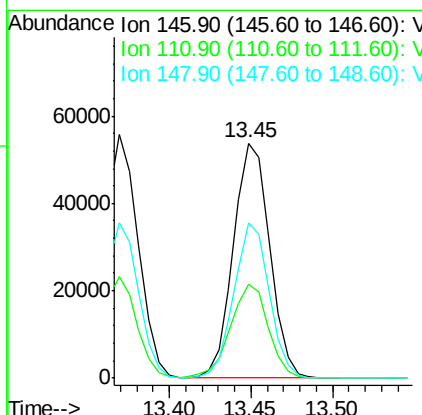
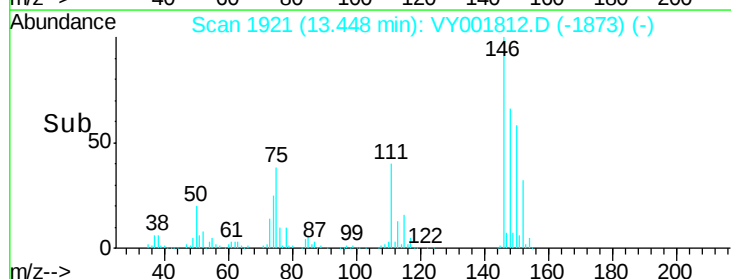
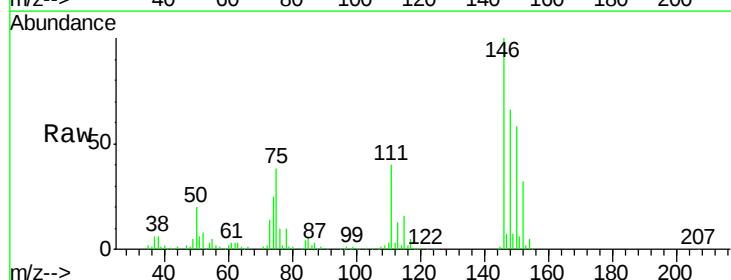
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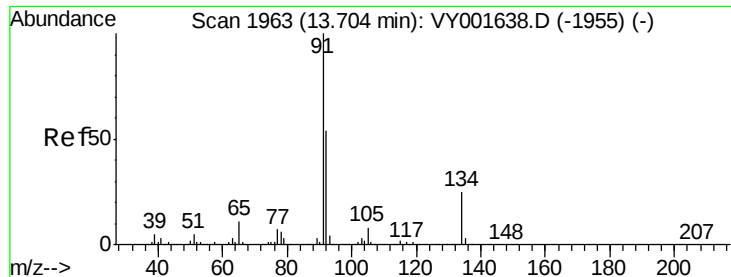
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#88
 1,4-Dichlorobenzene
 Concen: 19.260 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001812.D
 Acq: 02 Mar 2020 12:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.4	61.3
148	64.2	31.6	94.7





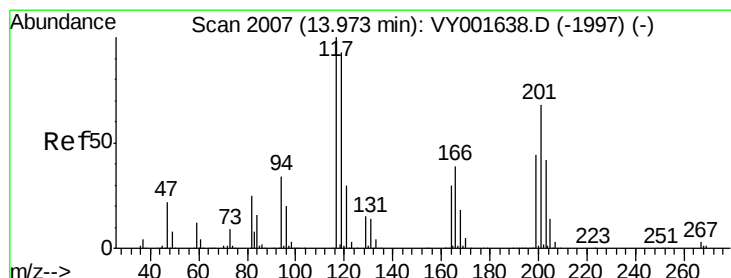
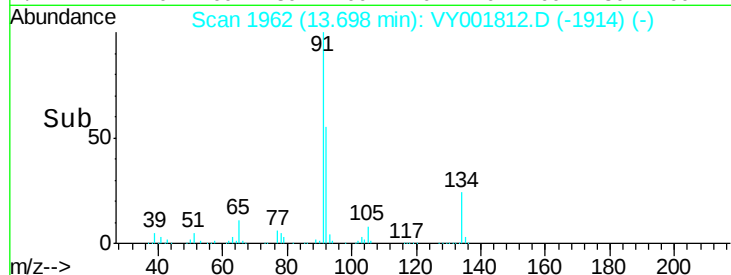
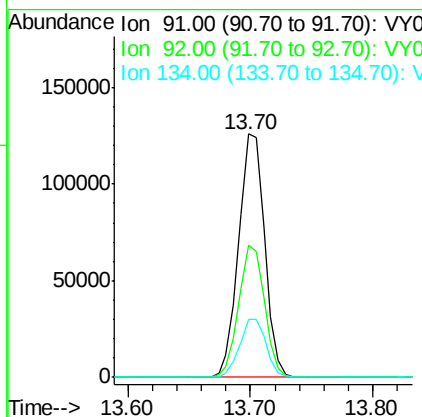
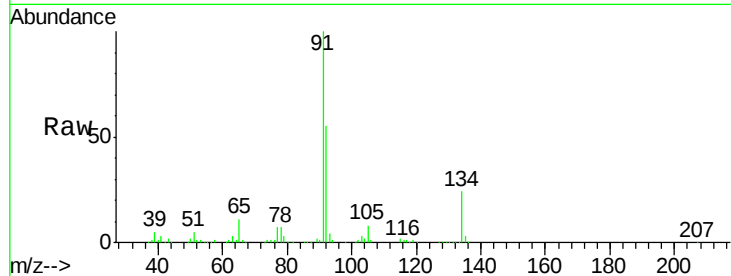
#89
n-Butylbenzene
Concen: 20.033 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.5	82.4
134	24.3	12.4	37.4

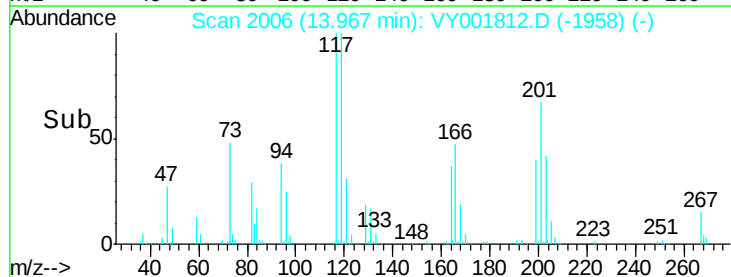
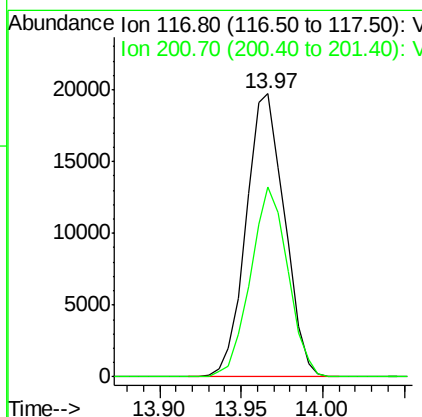
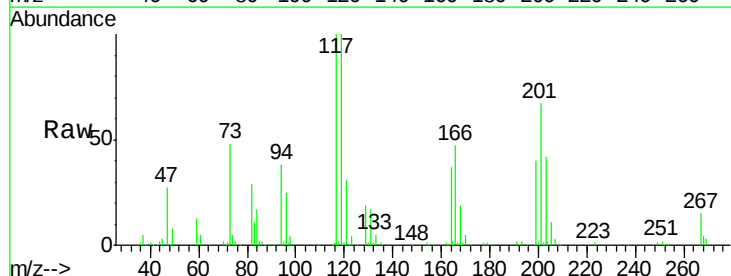
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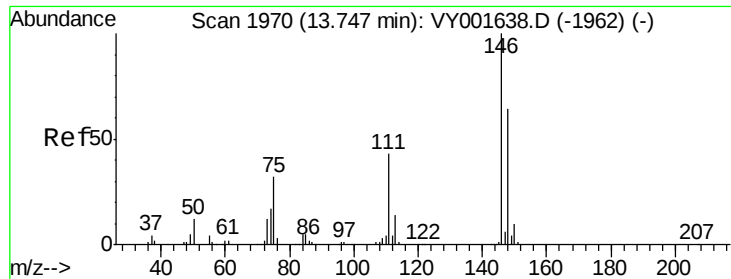
MMDadoda
3/3/2020 11:11:42 AM



#90
Hexachloroethane
Concen: 18.982 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.1	32.5	97.4





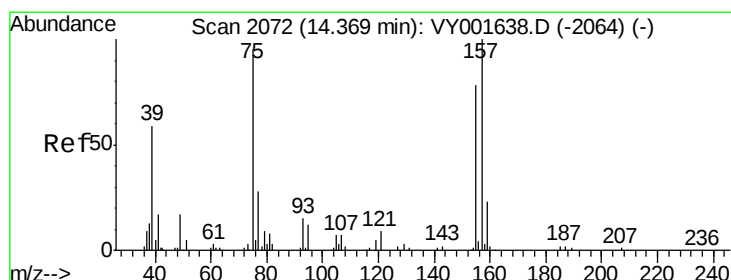
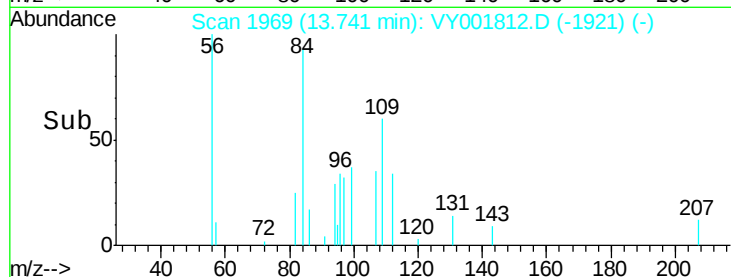
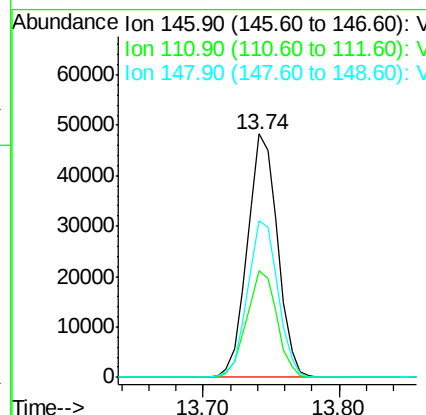
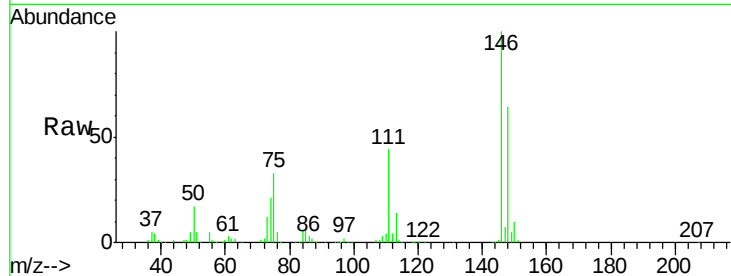
#91
 1,2-Dichlorobenzene
 Concen: 18.963 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY001812.D
 Acq: 02 Mar 2020 12:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.9	65.7
148	64.7	31.5	94.5

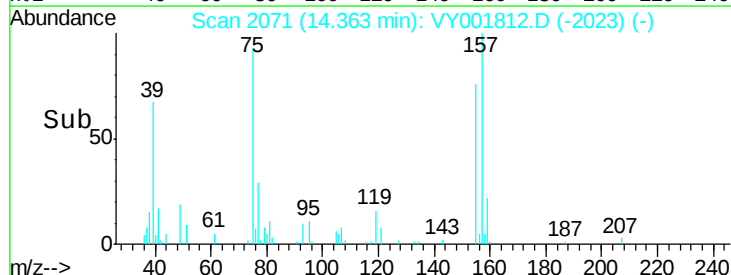
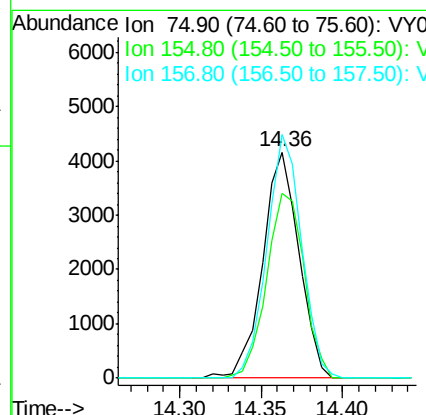
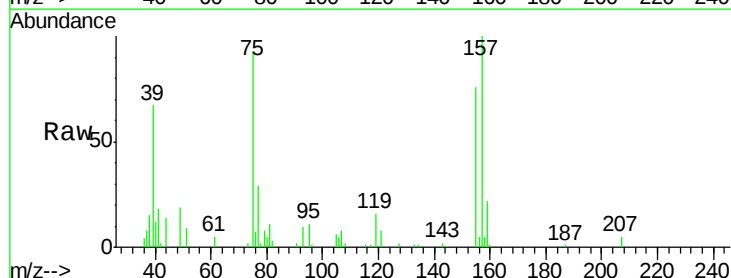
Manual Integrations
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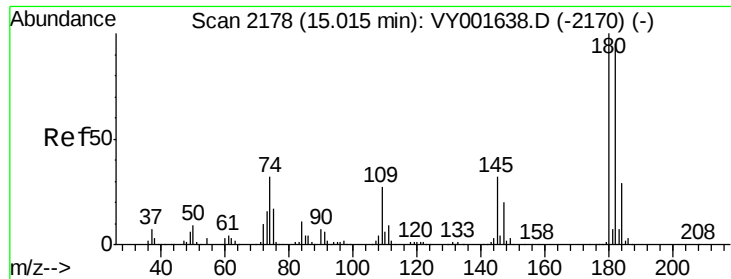
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.909 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY001812.D
 Acq: 02 Mar 2020 12:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.0	40.8	122.4
157	102.8	52.1	156.4





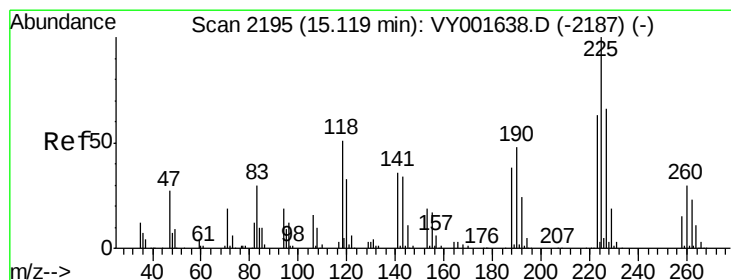
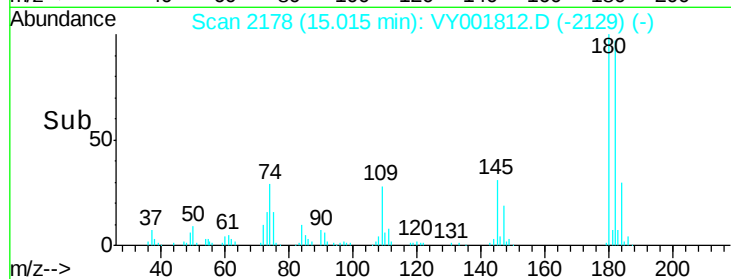
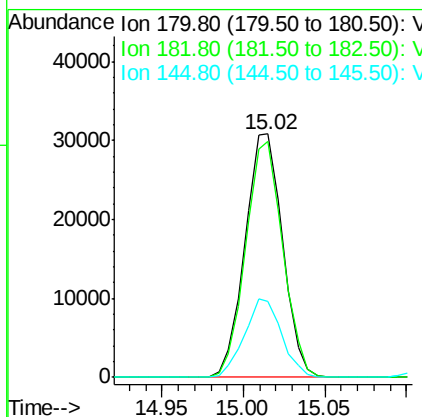
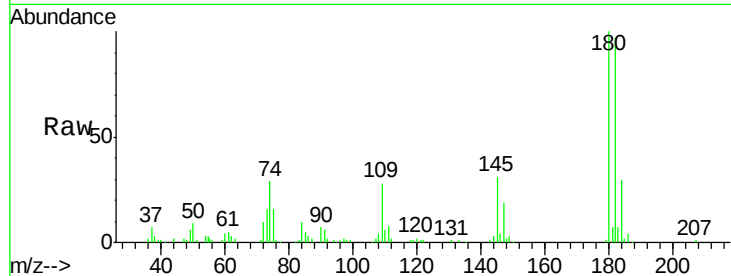
#93
1,2,4-Trichlorobenzene
Concen: 18.902 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. 0.00 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.8	140.3
145	32.1	16.2	48.5

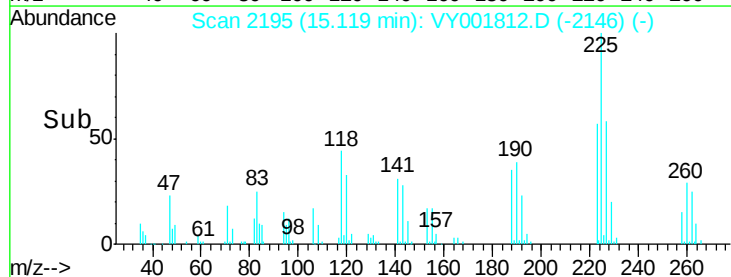
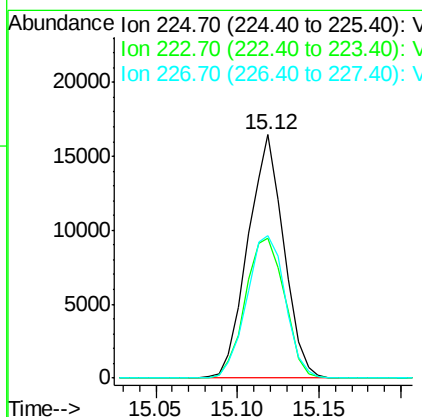
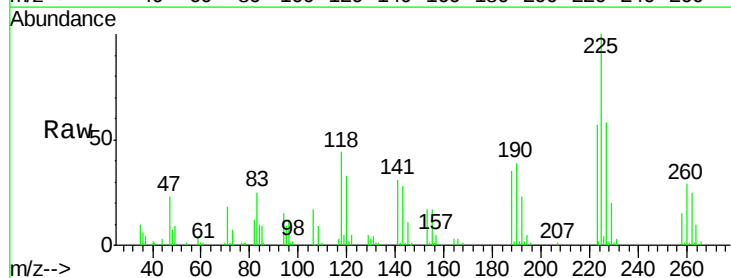
Manual Integrations
APPROVED

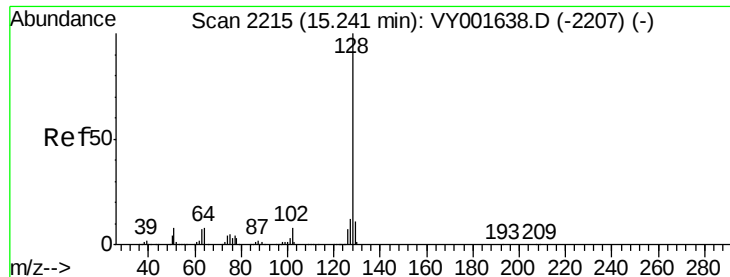
MMDadoda
3/3/2020 11:11:42 AM



#94
Hexachlorobutadiene
Concen: 19.245 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VY001812.D
Acq: 02 Mar 2020 12:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.4	94.0
227	63.1	31.6	94.8





#95

Naphthalene

Concen: 18.962 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.00 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

Instrument :

MSVOA_Y

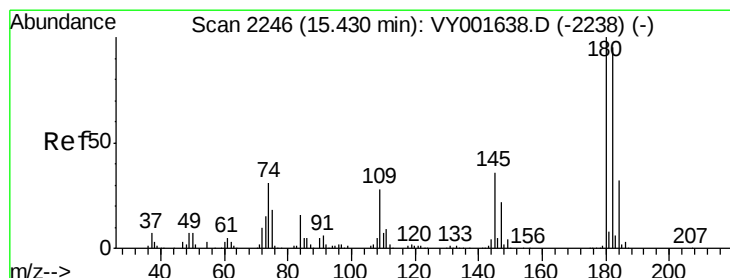
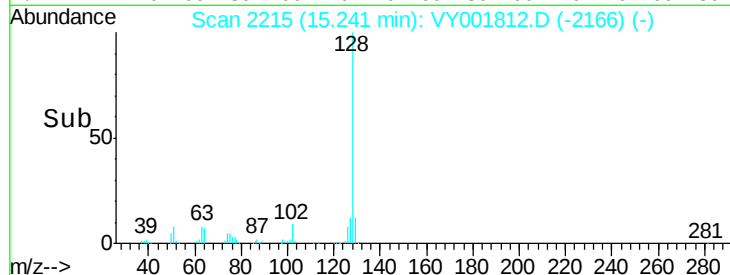
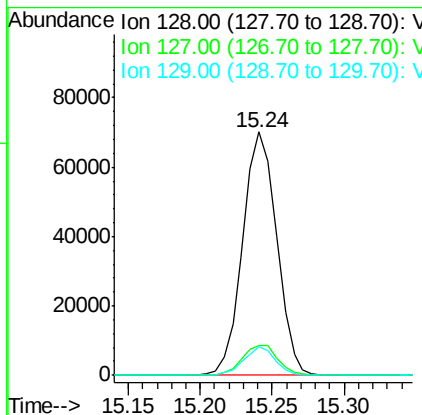
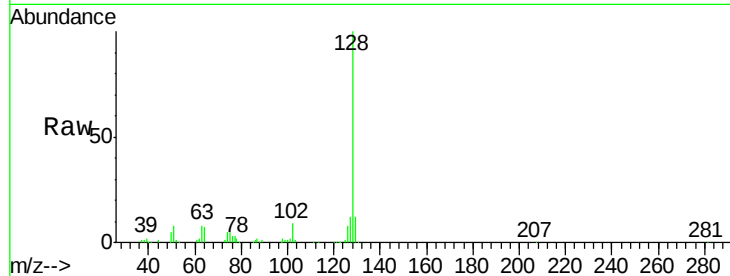
ClientSampleId :

VY0302SBSD01

Tot Ion:	128	Resp:	114819
Ion Ratio	Lower	Upper	
128	100		
127	13.0	9.9	14.9
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/3/2020 11:11:42 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.166 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. 0.00 min

Lab File: VY001812.D

Acq: 02 Mar 2020 12:06

Tgt Ion:	180	Resp:	44281
Ion Ratio	Lower	Upper	
180	100		
182	93.6	47.2	141.6
145	33.4	17.3	52.0

