

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002915.D
 Acq On : 18 Jun 2020 13:15
 Operator : SY/MD
 Sample : VY0618SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Manual Integrations
 APPROVED

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 6/19/2020 1:12:09 PM

Quant Time: Jun 19 05:23:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	257387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	374264	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	353840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	197194	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	107565	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
35) Dibromofluoromethane	7.72	113	110166	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
50) Toluene-d8	10.18	98	427471	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.48	95	154471	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	36721	20.734	ug/l	97
3) Chloromethane	2.12	50	45809	23.385	ug/l	99
4) Vinyl Chloride	2.26	62	45080	21.772	ug/l	98
5) Bromomethane	2.65	94	33076	21.317	ug/l	97
6) Chloroethane	2.79	64	28303	21.086	ug/l	96
7) Trichlorofluoromethane	3.13	101	80387	21.921	ug/l	94
8) Diethyl Ether	3.54	74	28629	19.994	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	48449	22.252	ug/l	98
10) Methyl Iodide	4.10	142	59153	19.416	ug/l	99
11) Tert butyl alcohol	4.98	59	27132	105.579	ug/l #	92
12) 1,1-Dichloroethene	3.88	96	47427	21.660	ug/l	98
13) Acrolein	3.74	56	16659	63.609	ug/l	100
14) Allyl chloride	4.49	41	66767	21.260	ug/l	98
15) Acrylonitrile	5.18	53	69349	107.355	ug/l	99
16) Acetone	3.96	43	56703	108.203	ug/l	98
17) Carbon Disulfide	4.20	76	125988	19.041	ug/l	97
18) Methyl Acetate	4.49	43	32482	24.203	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	131821	21.807	ug/l	99
20) Methylene Chloride	4.72	84	70512	27.533	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	53002	21.524	ug/l	96
22) Diisopropyl ether	6.13	45	141242	21.643	ug/l	96
23) Vinyl Acetate	6.07	43	452390	104.996	ug/l	99
24) 1,1-Dichloroethane	6.02	63	82758	21.678	ug/l	98
25) 2-Butanone	6.99	43	85304	104.481	ug/l	99
26) 2,2-Dichloropropane	6.99	77	81125	22.158	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	59152	21.458	ug/l	98
28) Bromochloromethane	7.35	49	34661	22.117	ug/l	94
29) Tetrahydrofuran	7.36	42	53635	100.994	ug/l	97
30) Chloroform	7.52	83	91358	22.552	ug/l	94
31) Cyclohexane	7.79	56	76460	20.173	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	83945	22.238	ug/l	99
36) 1,1-Dichloropropene	7.93	75	67658	21.460	ug/l	99
37) Ethyl Acetate	7.08	43	36632	21.356	ug/l	99
38) Carbon Tetrachloride	7.91	117	77910	22.245	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	87662	21.095	ug/l	98
40) Benzene	8.16	78	204024	21.901	ug/l	98
41) Methacrylonitrile	7.32	41	19482m	21.141	ug/l	
42) 1,2-Dichloroethane	8.24	62	58486	22.402	ug/l	100
43) Isopropyl Acetate	8.28	43	69215	21.293	ug/l	98
44) Trichloroethene	8.94	130	63947	21.732	ug/l	96
45) 1,2-Dichloropropane	9.22	63	49730	22.261	ug/l	96
46) Dibromomethane	9.31	93	28989	21.850	ug/l	98
47) Bromodichloromethane	9.50	83	71752	22.941	ug/l	99
48) Methyl methacrylate	9.30	41	30280	20.635	ug/l	98
49) 1,4-Dioxane	9.30	88	8624	423.335	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	185147	107.566	ug/l	100
52) Toluene	10.24	92	135065	22.163	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	76344	22.347	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	85243	22.021	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	44993	22.151	ug/l	98
56) Ethyl methacrylate	10.51	69	59989	22.050	ug/l	98
57) 1,3-Dichloropropane	10.79	76	74952	22.435	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	141532	106.467	ug/l	99
59) 2-Hexanone	10.83	43	133201	109.069	ug/l	99
60) Dibromochloromethane	10.99	129	58356	22.661	ug/l	99
61) 1,2-Dibromoethane	11.09	107	44096	22.008	ug/l	100
64) Tetrachloroethene	10.72	164	68293	21.236	ug/l	97
65) Chlorobenzene	11.52	112	155386	22.218	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	59476	22.580	ug/l	100
67) Ethyl Benzene	11.60	91	266539	21.984	ug/l	98
68) m/p-Xylenes	11.70	106	206554	43.940	ug/l	99
69) o-Xylene	12.03	106	98021	22.088	ug/l	100
70) Styrene	12.05	104	169702	22.059	ug/l	100
71) Bromoform	12.21	173	39474	22.397	ug/l #	100
73) Isopropylbenzene	12.33	105	269026	21.289	ug/l	100
74) N-amyl acetate	12.14	43	65804	20.295	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	49354	22.259	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	38879m	21.881	ug/l	
77) Bromobenzene	12.61	156	69422	21.098	ug/l	98
78) n-propylbenzene	12.67	91	312441	21.404	ug/l	99
79) 2-Chlorotoluene	12.75	91	175011	21.373	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	228264	21.634	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	19413	20.584	ug/l	99
82) 4-Chlorotoluene	12.86	91	183357	21.373	ug/l	100
83) tert-Butylbenzene	13.08	119	203222	21.592	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	229836	21.663	ug/l	100
85) sec-Butylbenzene	13.25	105	279435	21.714	ug/l	100
86) p-Isopropyltoluene	13.37	119	260167	21.727	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	135685	21.769	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	135682	21.761	ug/l	99
89) n-Butylbenzene	13.70	91	234786	21.596	ug/l	99
90) Hexachloroethane	13.96	117	49038	21.875	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	123519	21.852	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8986	21.065	ug/l	98

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Instrument :
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ClientSampleId :
VY0618SBS01

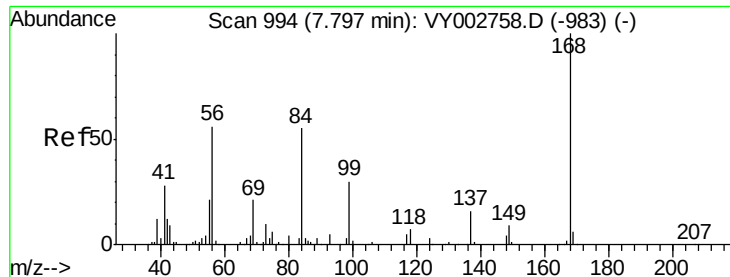
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	91963	21.584	ug/l	98
94) Hexachlorobutadiene	15.11	225	54928	22.730	ug/l	99
95) Naphthalene	15.23	128	178056	20.843	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	83588	21.970	ug/l	98

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



#1

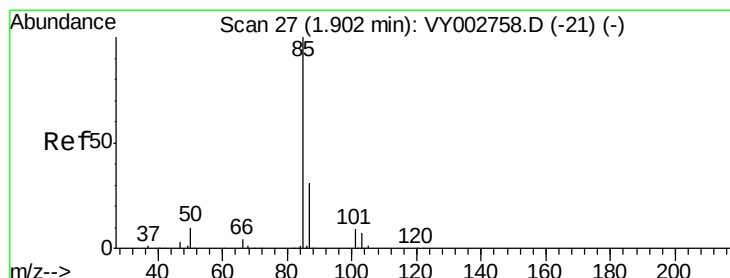
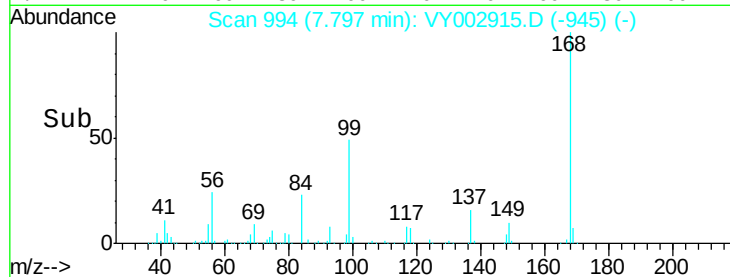
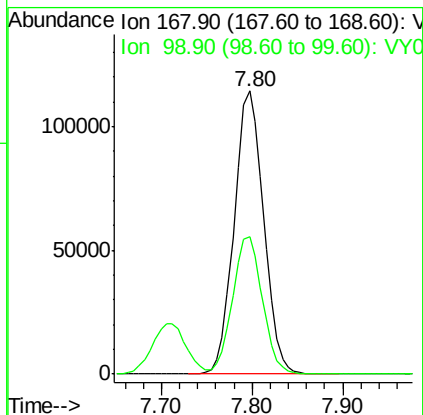
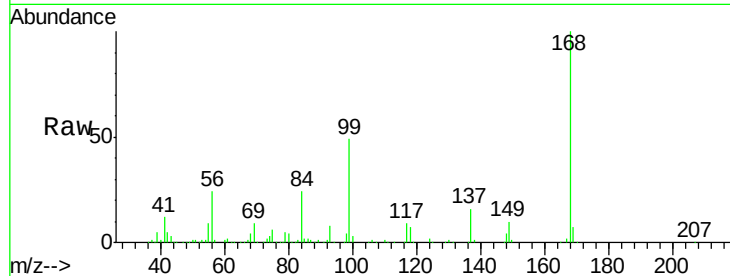
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.7	39.0	58.4

Manual Integrations
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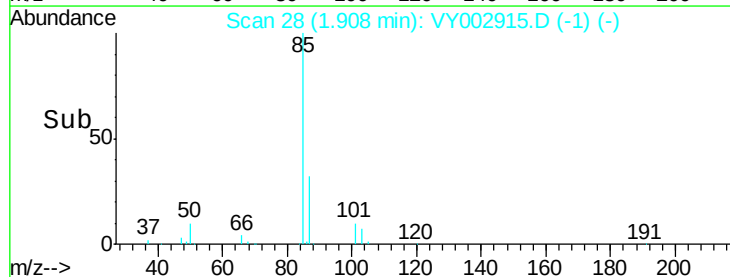
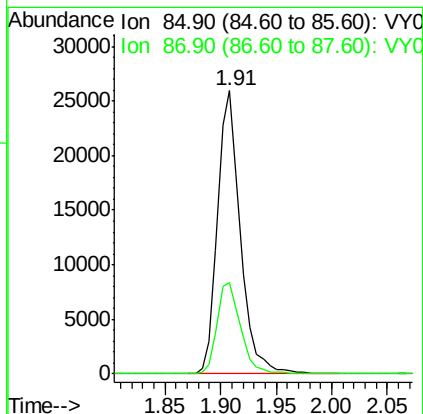
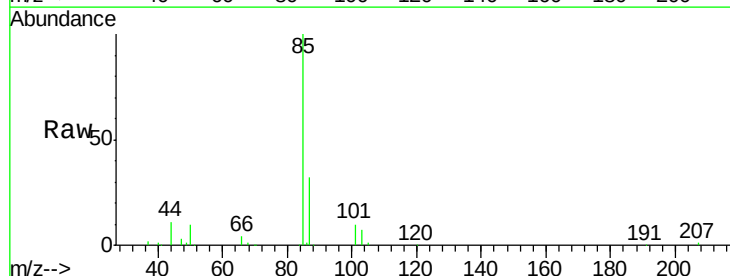
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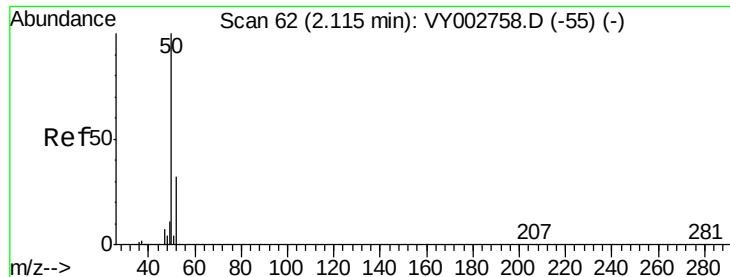


#2

Dichlorodifluoromethane
 Concen: 20.734 ug/l
 RT: 1.91 min Scan# 28
 Delta R.T. 0.01 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	15.5	46.5





#3

Chloromethane

Concen: 23.385 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 50 Resp: 45809

Ion Ratio Lower Upper

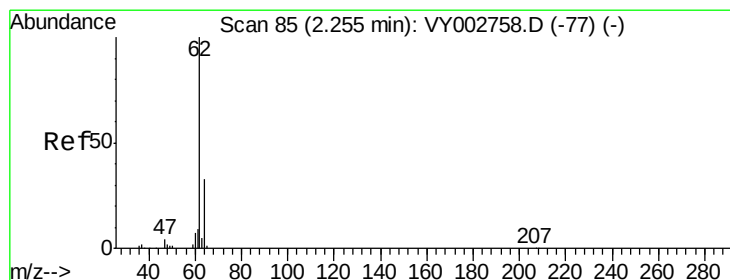
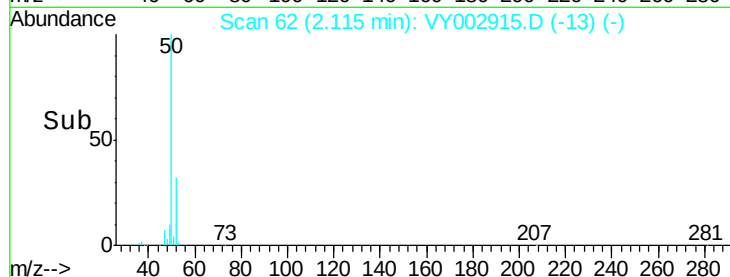
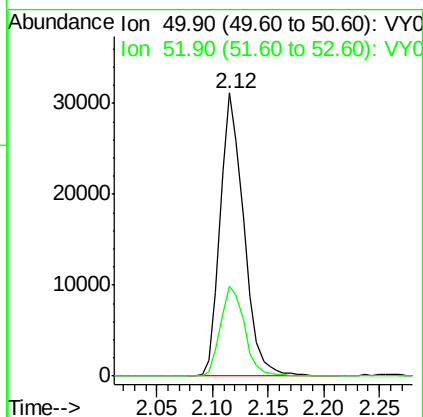
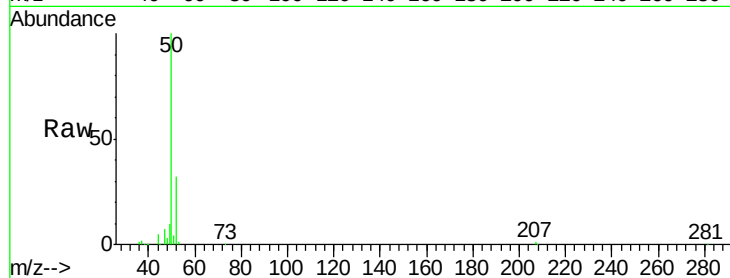
50 100

52 31.9 25.8 38.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 21.772 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002915.D

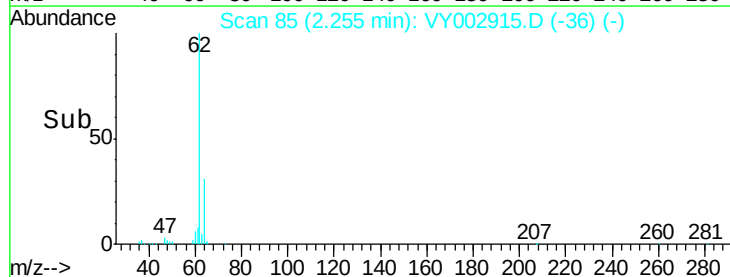
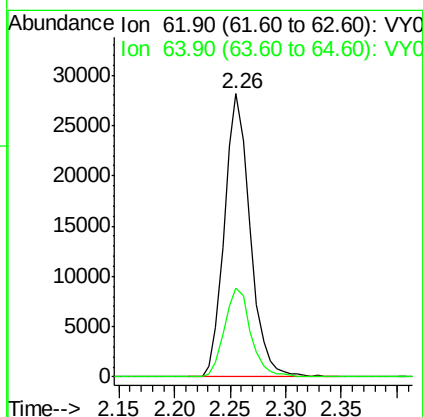
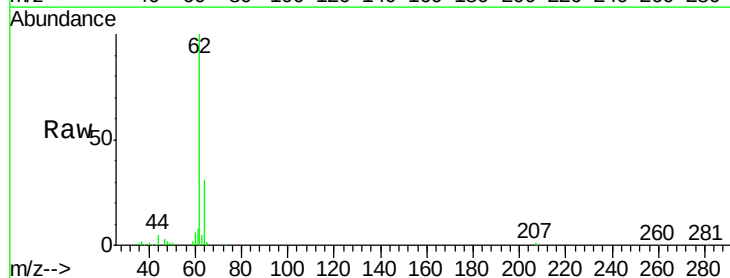
Acq: 18 Jun 2020 13:15

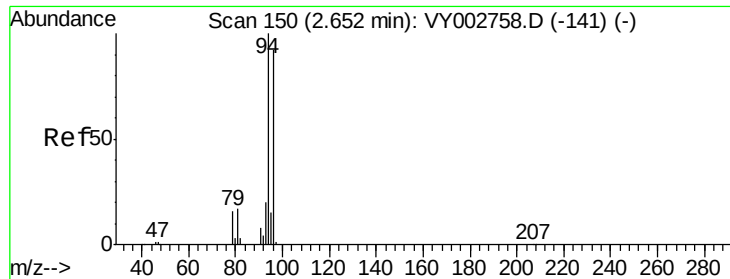
Tgt Ion: 62 Resp: 45080

Ion Ratio Lower Upper

62 100

64 31.3 26.1 39.1





#5

Bromomethane

Concen: 21.317 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 94 Resp: 33076

Ion Ratio Lower Upper

94 100

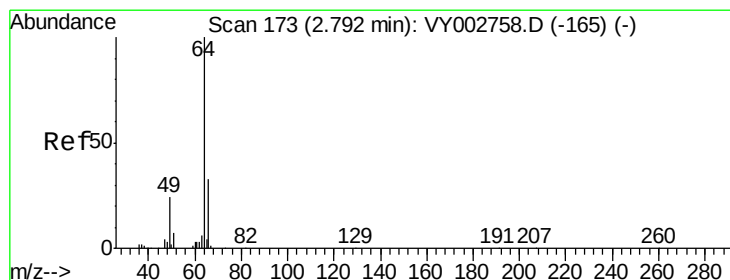
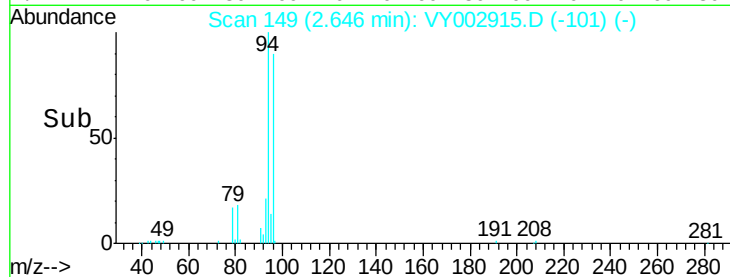
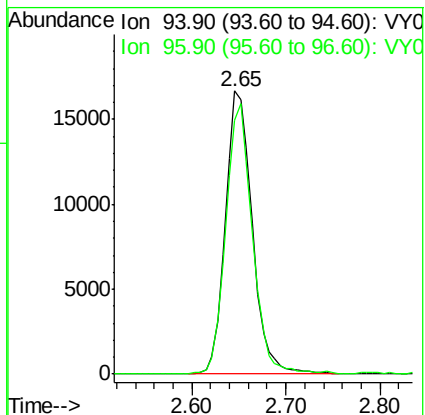
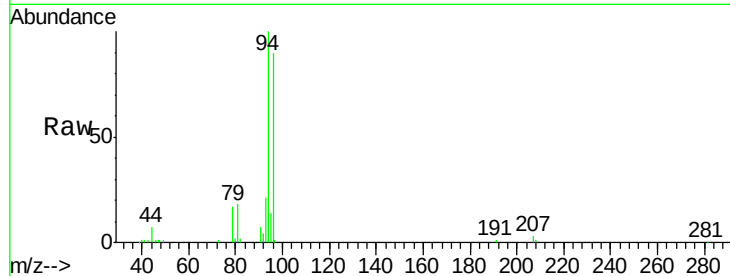
96 89.2 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 21.086 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002915.D

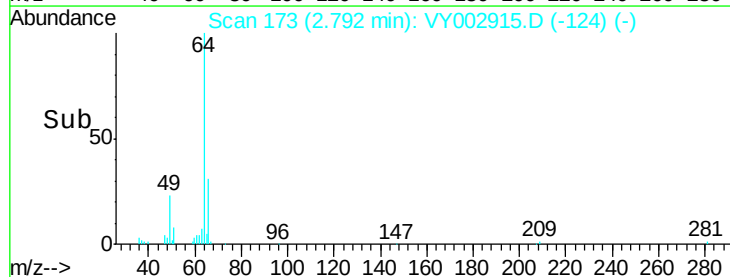
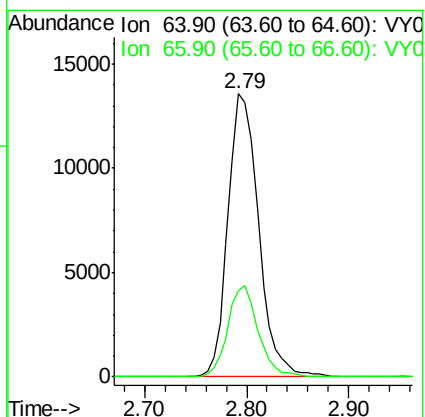
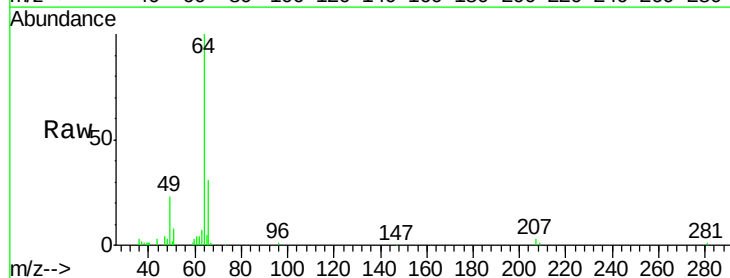
Acq: 18 Jun 2020 13:15

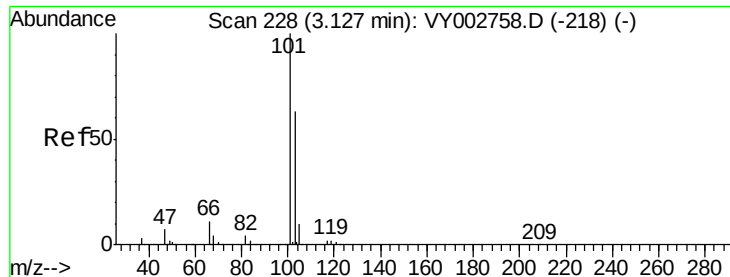
Tgt Ion: 64 Resp: 28303

Ion Ratio Lower Upper

64 100

66 30.6 26.4 39.6





#7

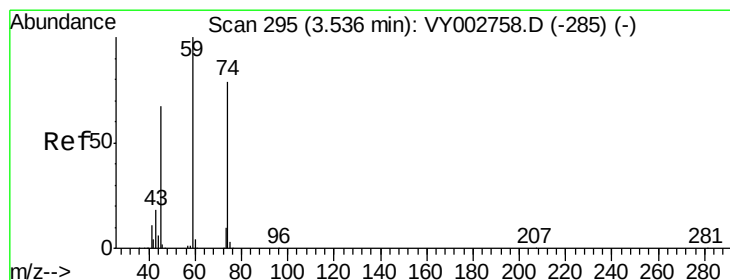
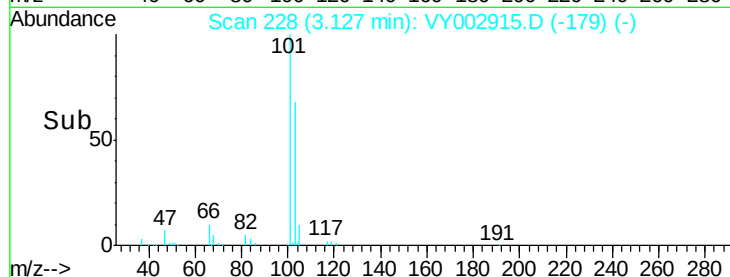
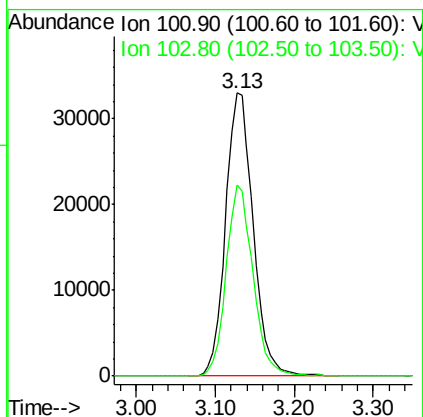
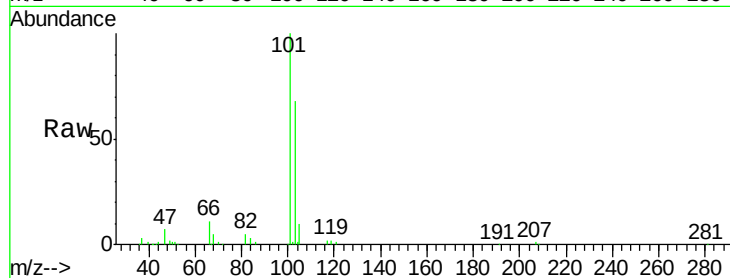
Trichlorofluoromethane
Concen: 21.921 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Instrument :
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ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.7	50.6	76.0

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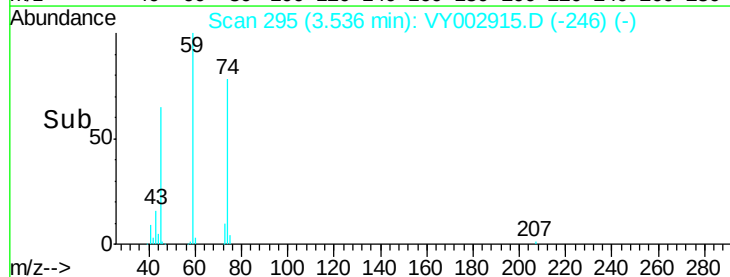
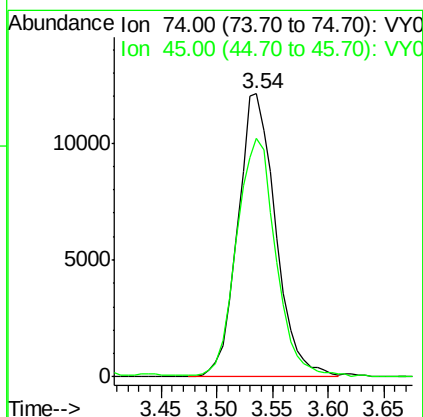
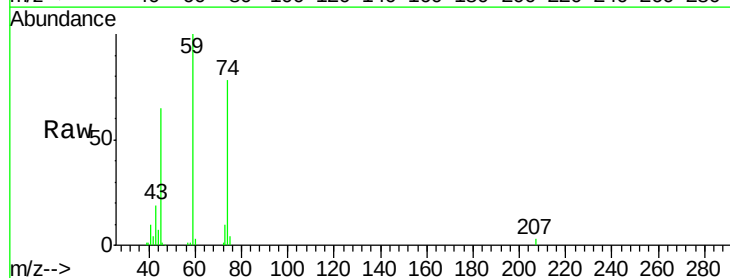
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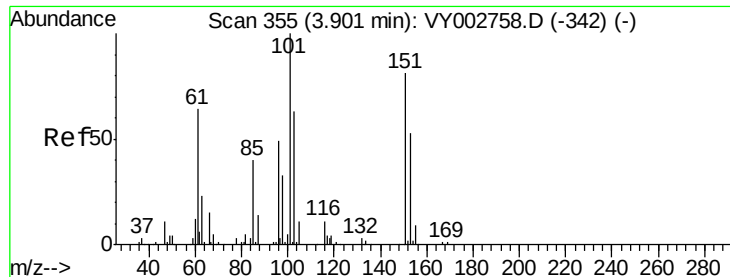


#8

Diethyl Ether
Concen: 19.994 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.3	44.0	131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.252 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

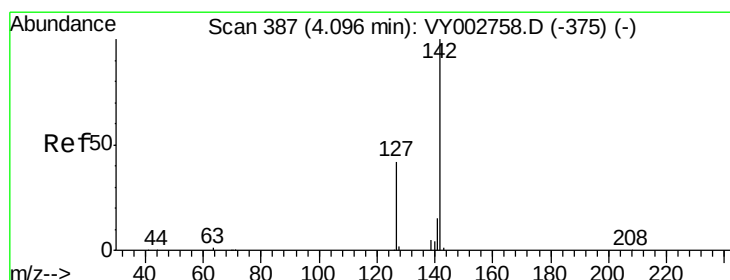
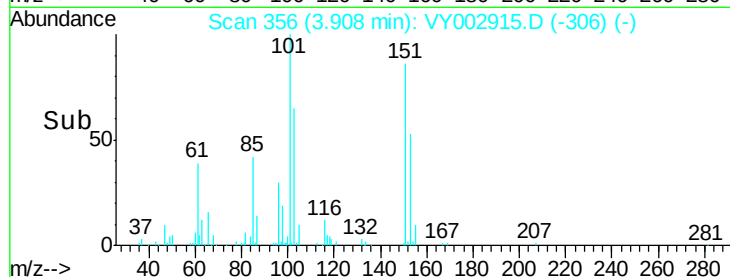
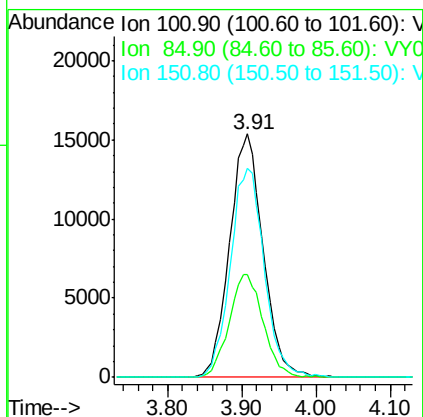
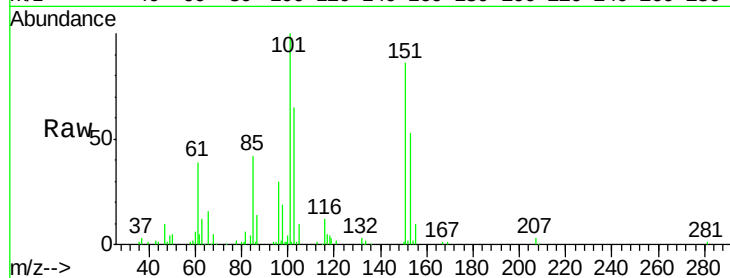
ClientSampleId :

VY0618SBS01

Tot Ion:	101	Resp:	48449
Ion Ratio	Lower	Upper	
101	100		
85	42.7	32.7	49.1
151	86.9	68.0	102.0

Manual Integrations
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#10

Methyl Iodide

Concen: 19.416 ug/l

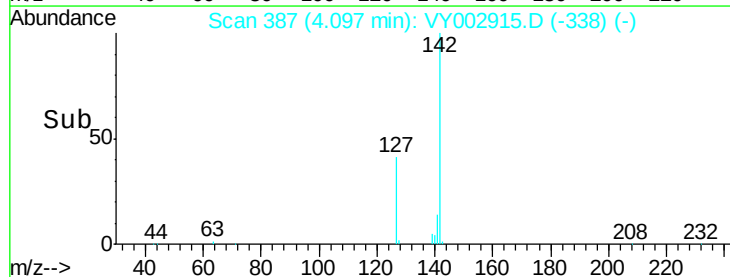
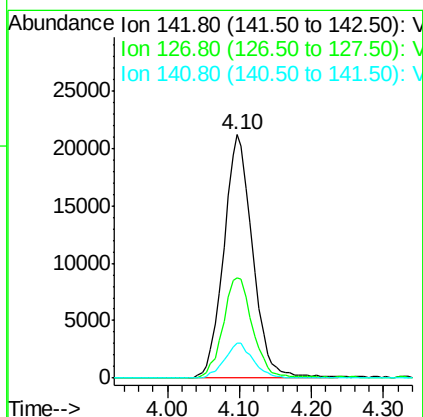
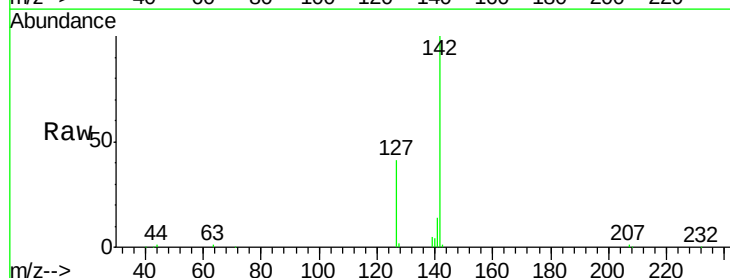
RT: 4.10 min Scan# 387

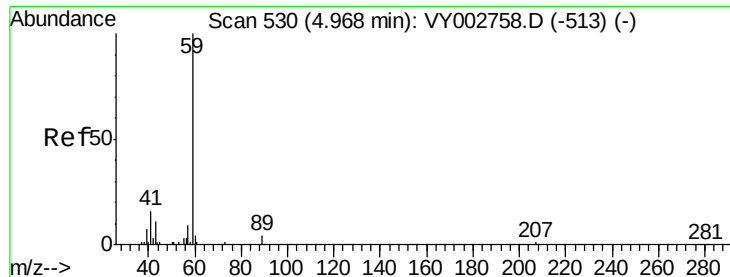
Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Tgt Ion:	142	Resp:	59153
Ion Ratio	Lower	Upper	
142	100		
127	42.4	33.3	49.9
141	14.2	11.5	17.3





#11

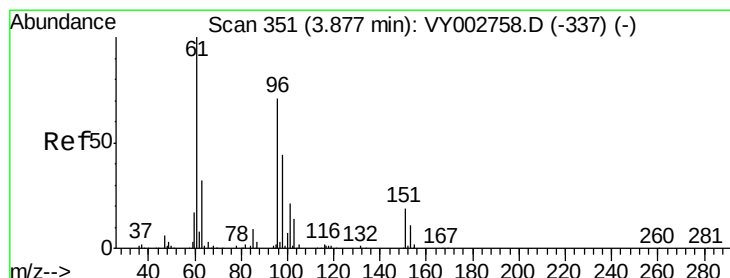
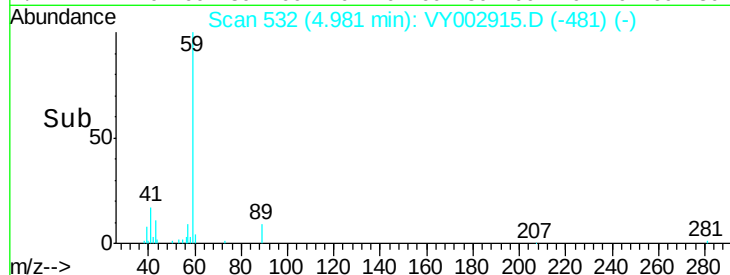
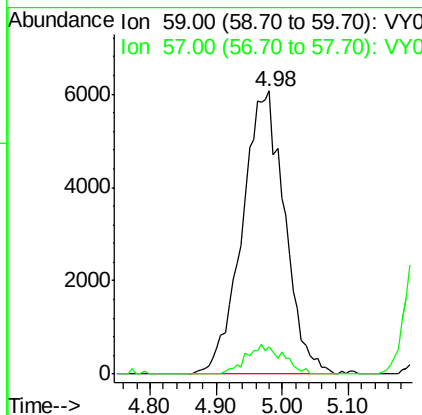
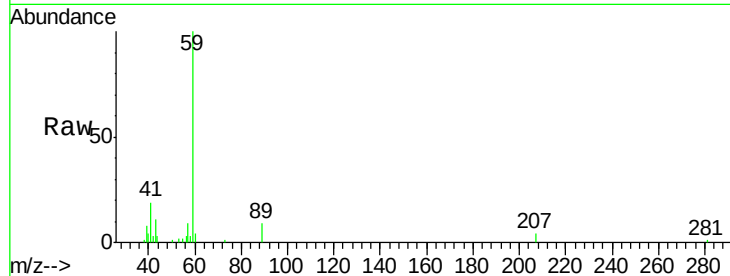
Tert butyl alcohol
 Concen: 105.579 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.7	7.7	11.5#

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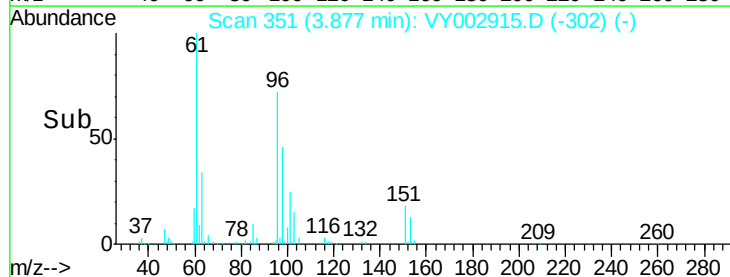
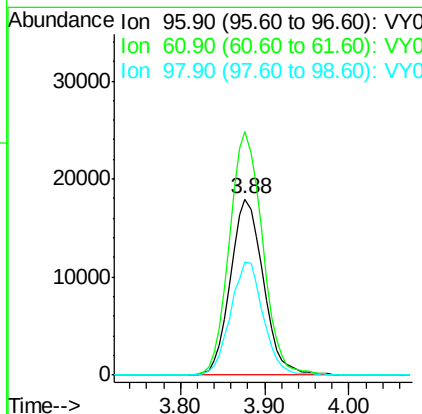
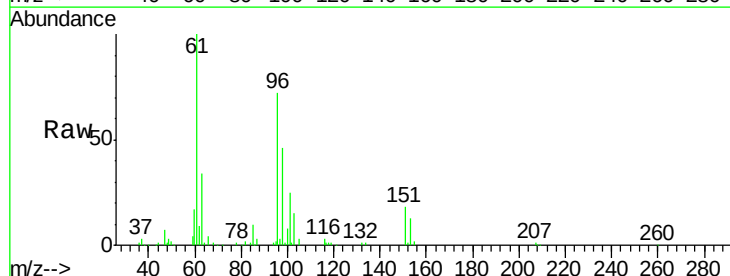
MMDadoda
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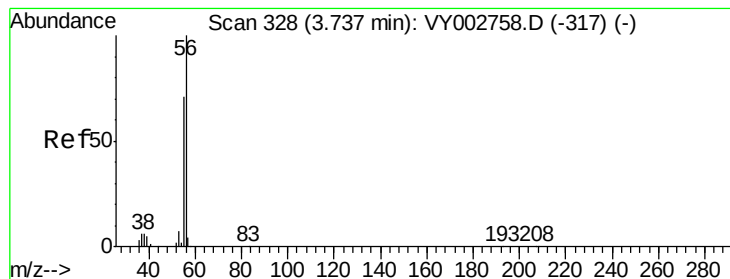


#12

1,1-Dichloroethene
 Concen: 21.660 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.4	112.6	168.8
98	64.4	50.0	75.0





#13

Acrolein

Concen: 63.609 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 56 Resp: 16659

Ion Ratio Lower Upper

56 100

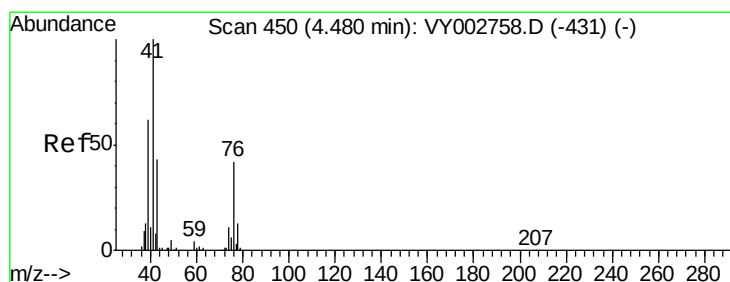
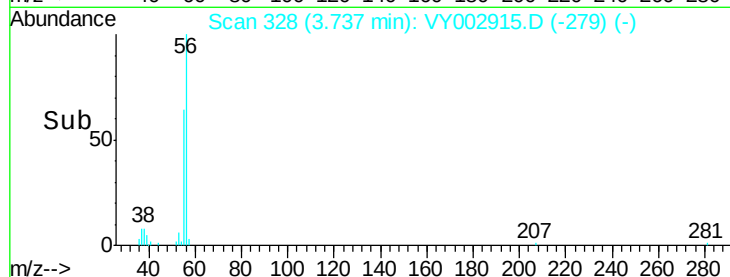
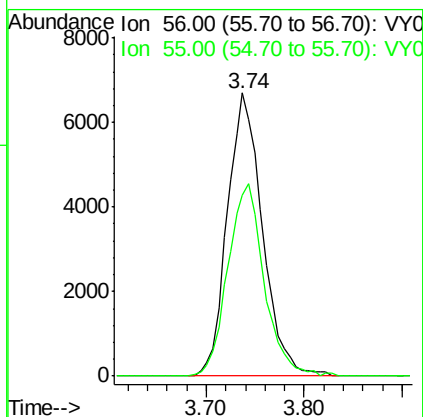
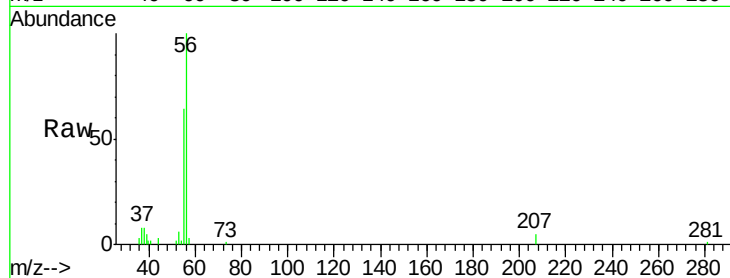
55 70.2 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 21.260 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

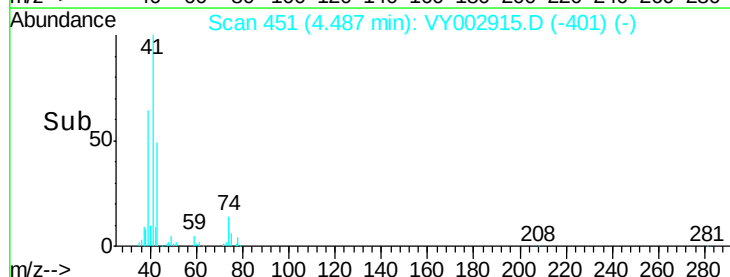
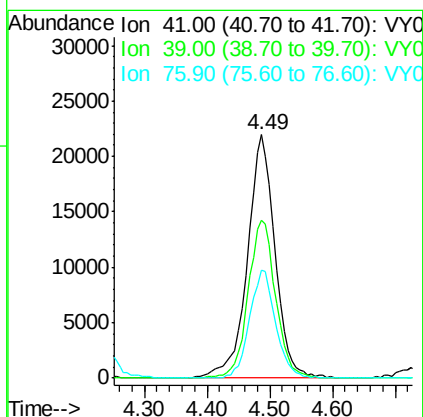
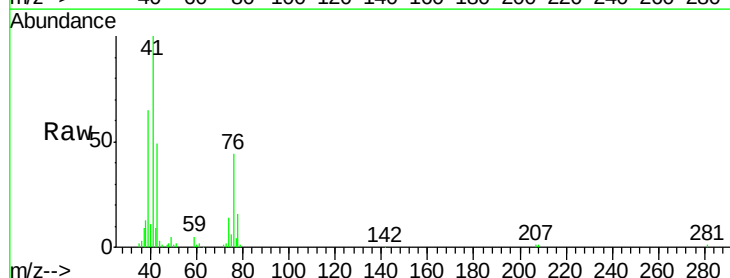
Tgt Ion: 41 Resp: 66767

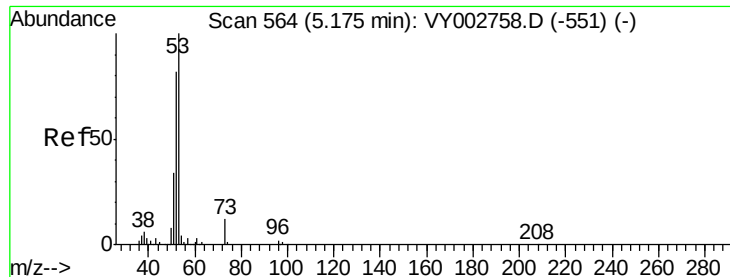
Ion Ratio Lower Upper

41 100

39 64.6 49.9 74.9

76 41.8 33.2 49.8





#15

Acrylonitrile

Concen: 107.355 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

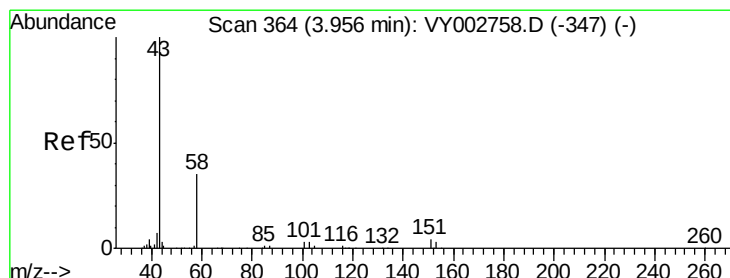
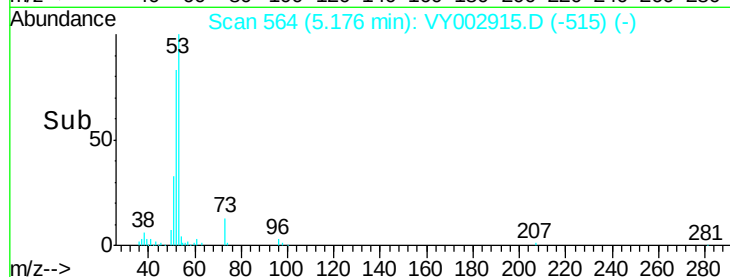
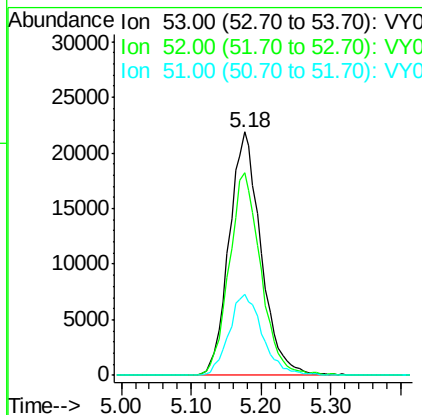
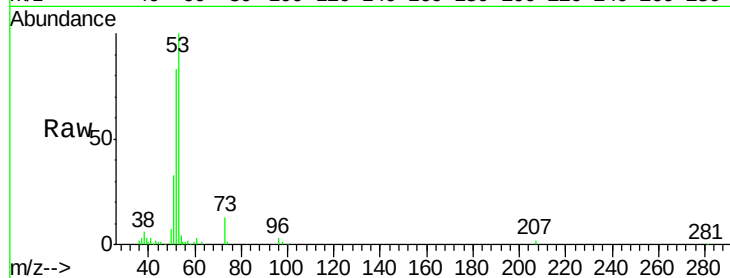
ClientSampleId :

VY0618SBS01

Tot Ion:	53	Resp:	69349
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.3	97.9
51	34.9	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 108.203 ug/l

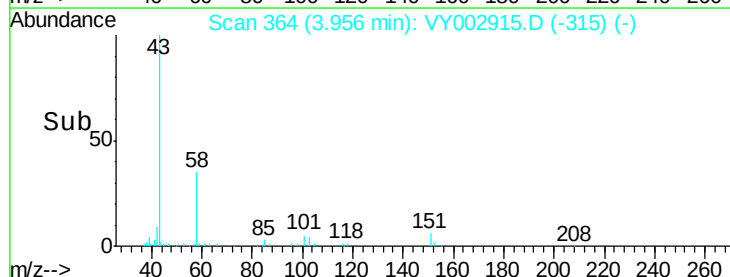
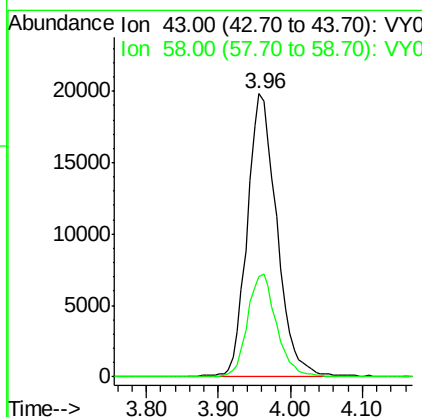
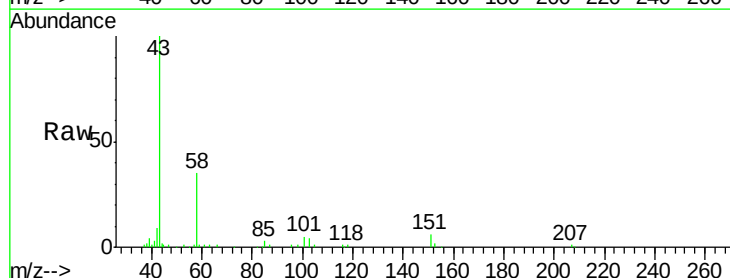
RT: 3.96 min Scan# 364

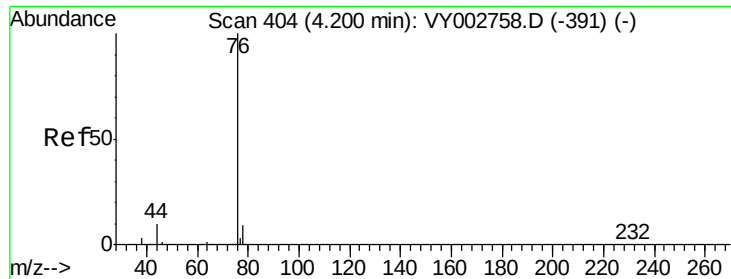
Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Tgt Ion:	43	Resp:	56703
Ion	Ratio	Lower	Upper
43	100		
58	35.5	27.7	41.5





#17

Carbon Disulfide

Concen: 19.041 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 76 Resp: 125988

Ion Ratio Lower Upper

76 100

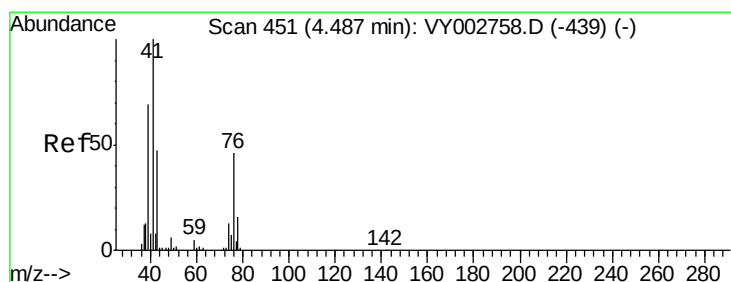
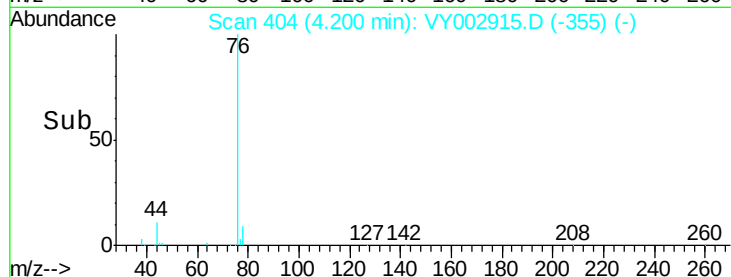
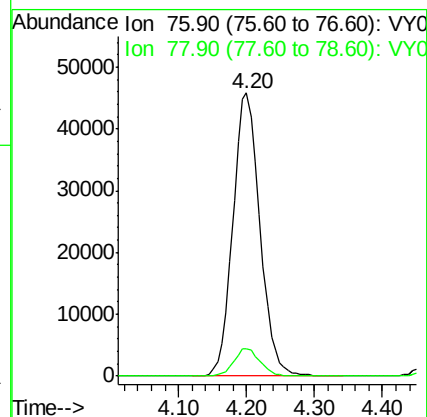
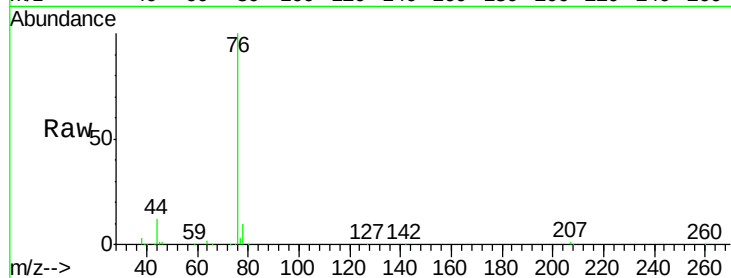
78 9.6 6.9 10.3

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#18

Methyl Acetate

Concen: 24.203 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002915.D

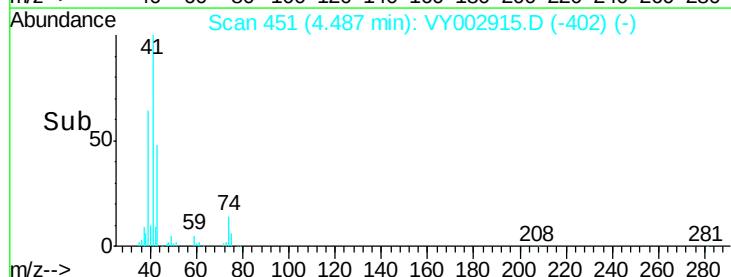
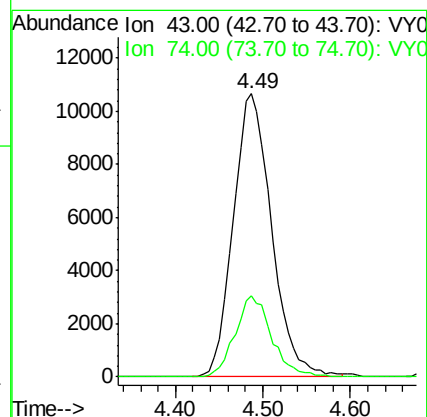
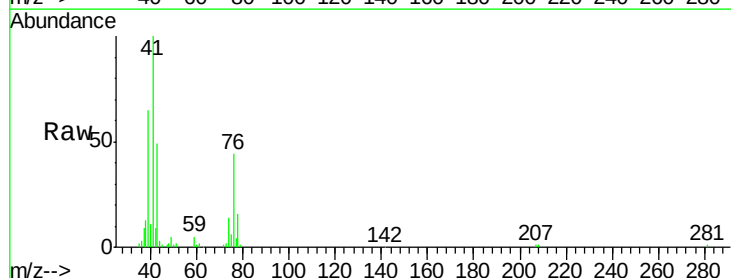
Acq: 18 Jun 2020 13:15

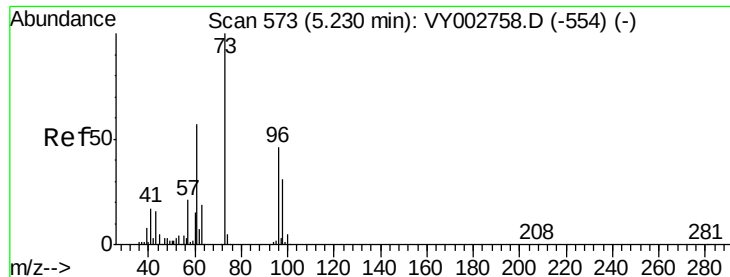
Tgt Ion: 43 Resp: 32482

Ion Ratio Lower Upper

43 100

74 27.3 21.4 32.0





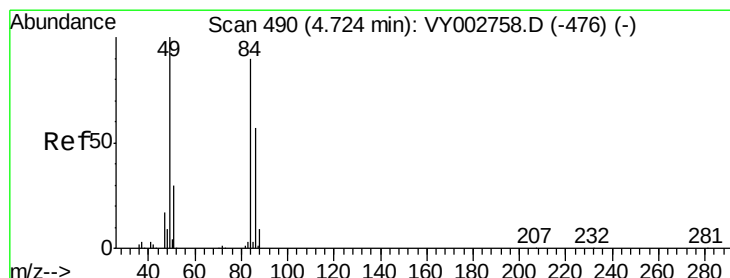
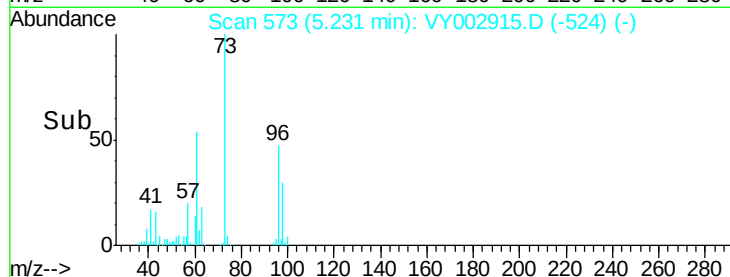
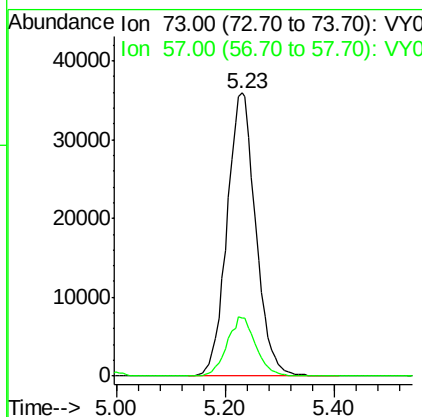
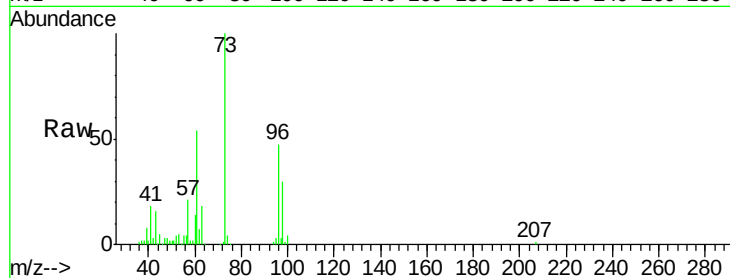
#19
Methyl tert-butyl Ether
Concen: 21.807 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.5	17.0	25.4

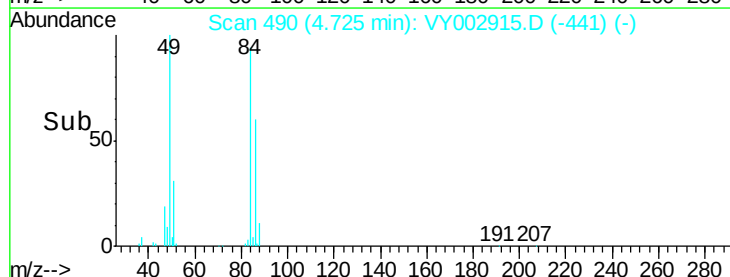
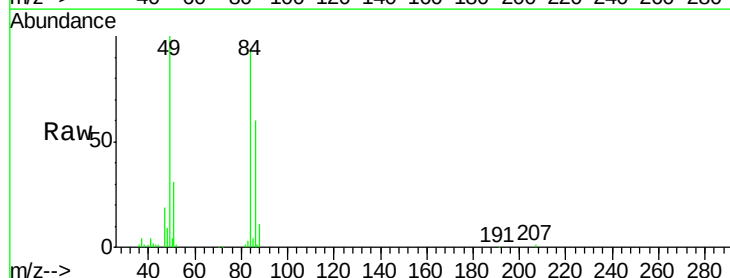
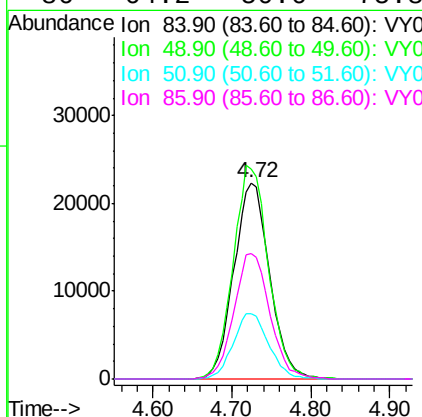
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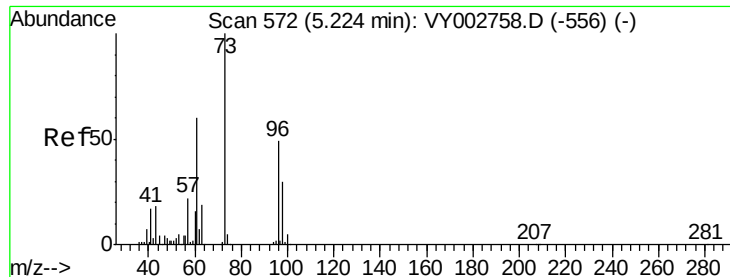
MMDadoda
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#20
Methylene Chloride
Concen: 27.533 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.9	88.5	132.7
51	33.2	26.8	40.2
86	64.2	50.6	75.8





#21

trans-1,2-Dichloroethene

Concen: 21.524 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 96 Resp: 53002

Ion Ratio Lower Upper

96 100

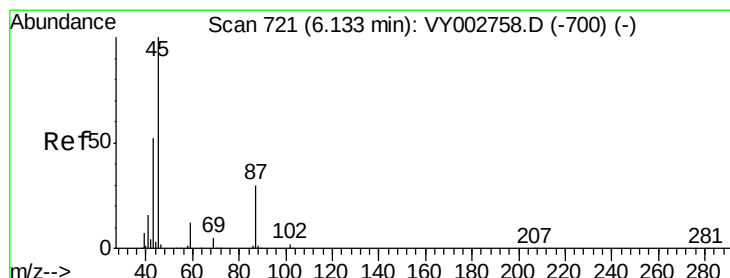
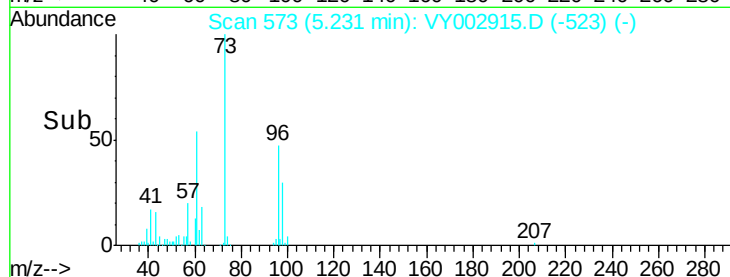
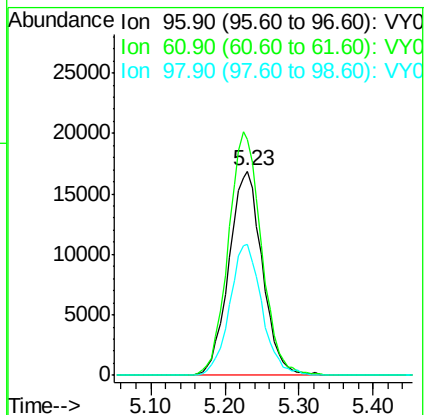
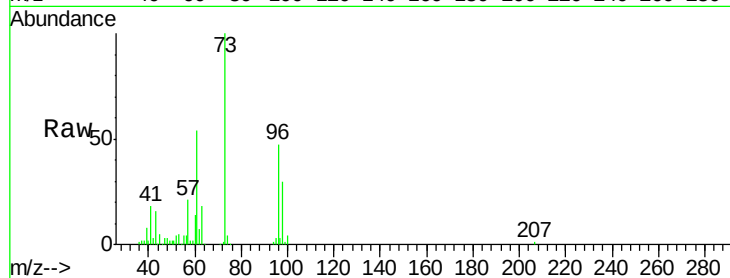
61 115.5 96.8 145.2

98 64.3 49.4 74.0

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#22

Diisopropyl ether

Concen: 21.643 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Tgt Ion: 45 Resp: 141242

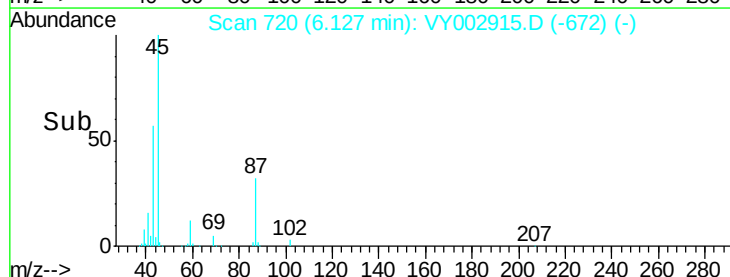
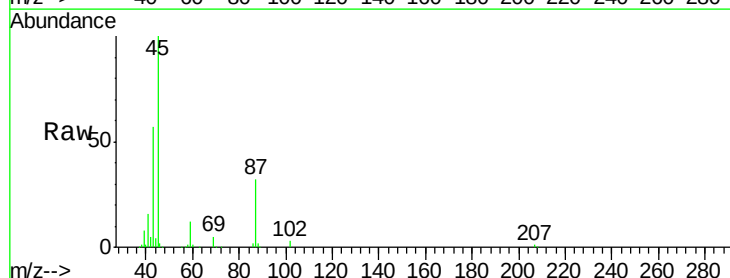
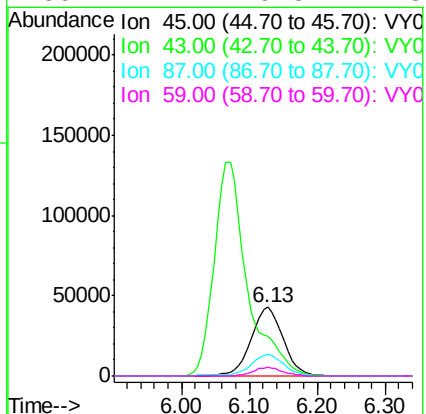
Ion Ratio Lower Upper

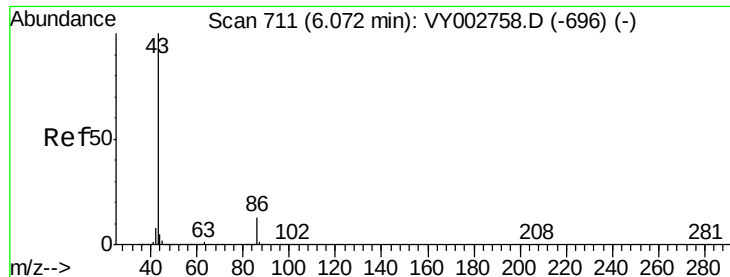
45 100

43 56.8 41.7 62.5

87 31.6 24.2 36.2

59 12.4 9.8 14.8





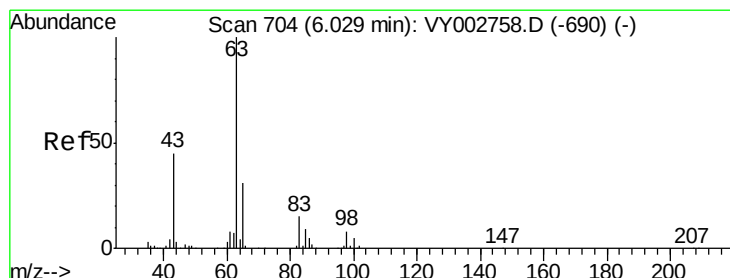
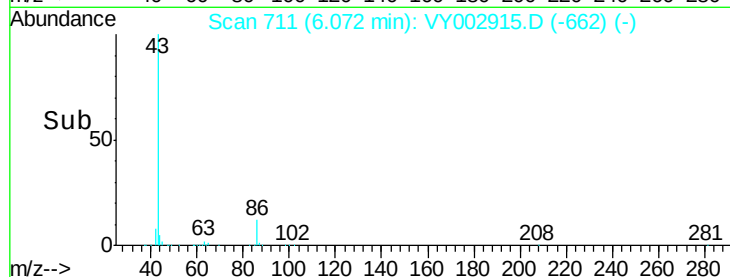
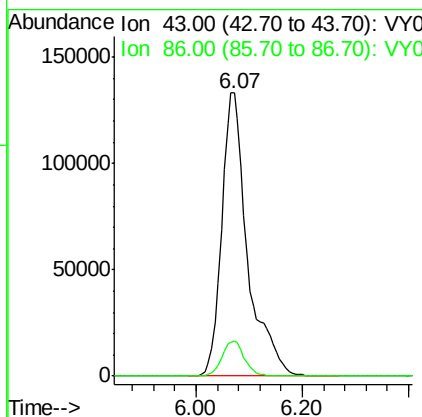
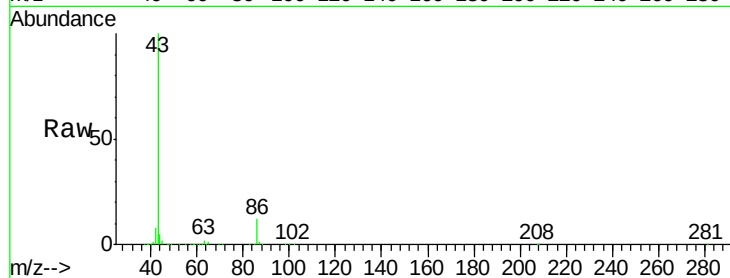
#23
 Vinyl Acetate
 Concen: 104.996 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	43	Resp	452390
Ion Ratio	100	Lower	Upper
43	100		
86	12.4	10.2	15.2

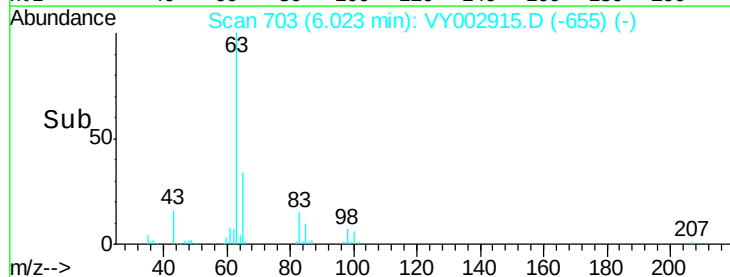
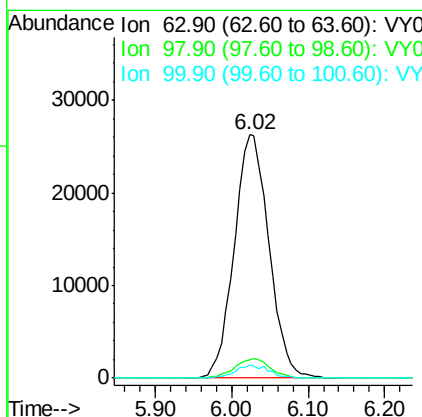
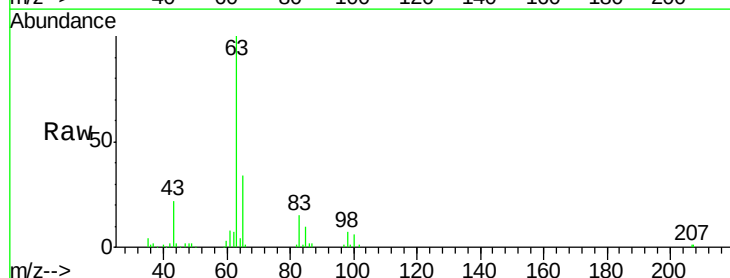
Manual Integrations
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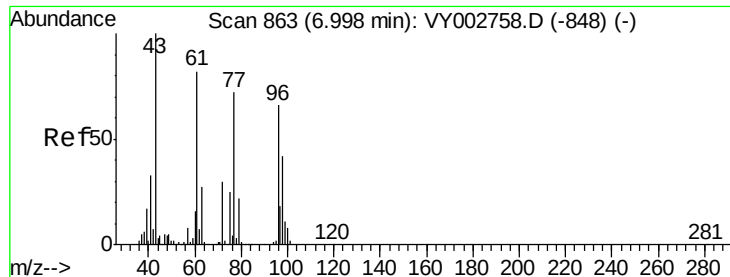
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#24
 1,1-Dichloroethane
 Concen: 21.678 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Tgt Ion	63	Resp	82758
Ion Ratio	100	Lower	Upper
63	100		
98	7.4	4.0	12.2
100	5.5	2.4	7.1





#25

2-Butanone

Concen: 104.481 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 43 Resp: 85304

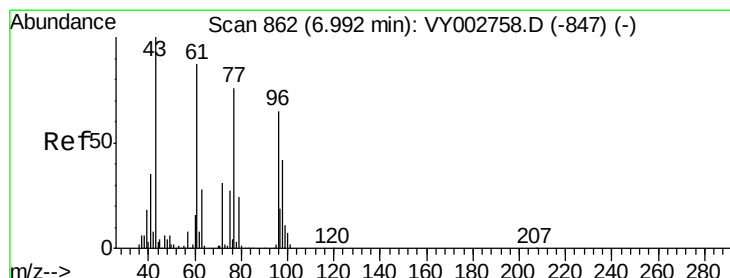
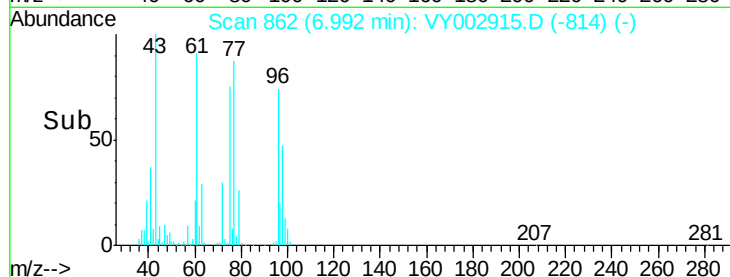
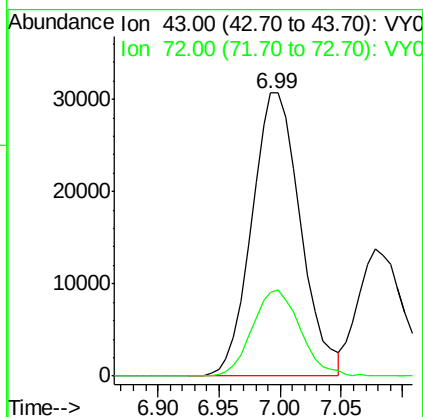
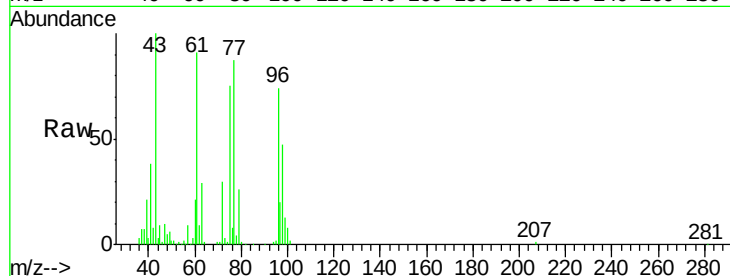
Ion Ratio Lower Upper

43 100

72 29.6 23.9 35.9

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 22.158 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY002915.D

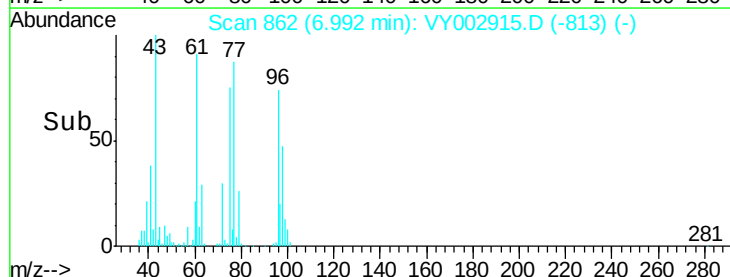
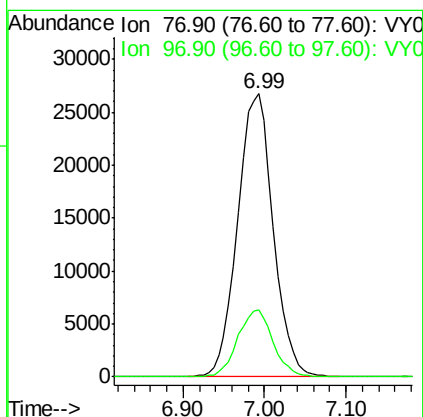
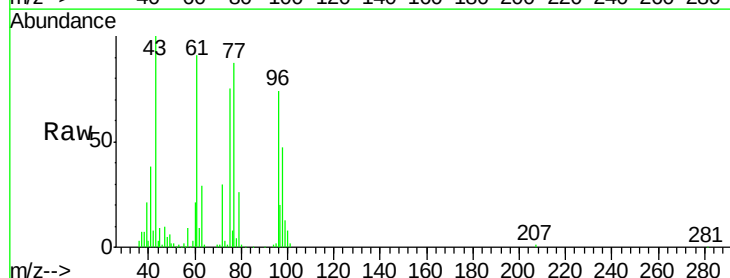
Acq: 18 Jun 2020 13:15

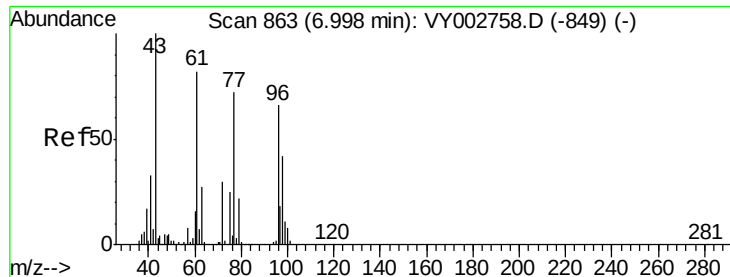
Tgt Ion: 77 Resp: 81125

Ion Ratio Lower Upper

77 100

97 23.4 12.2 36.6





#27

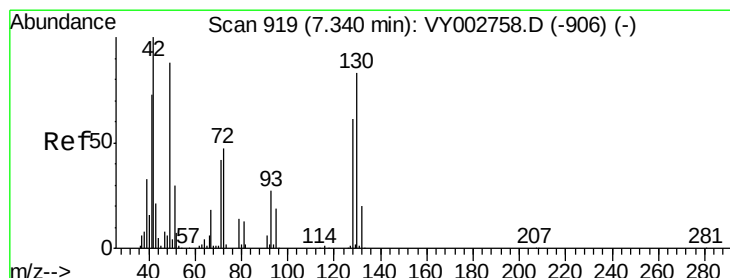
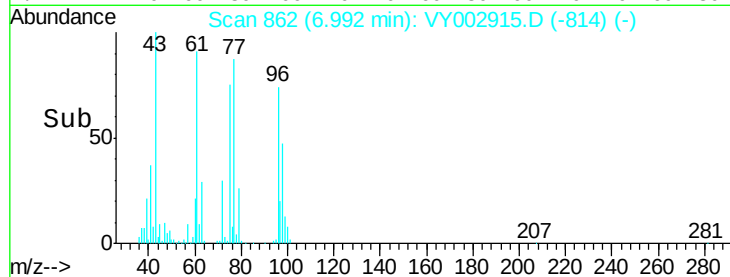
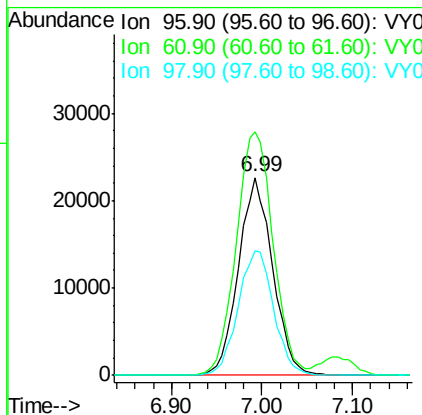
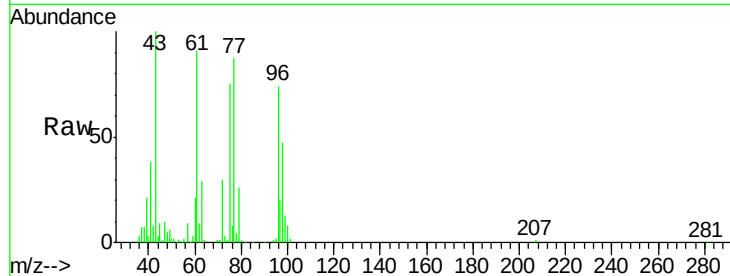
cis-1,2-Dichloroethene
 Concen: 21.458 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.5	0.0	260.2
98	65.6	0.0	128.2

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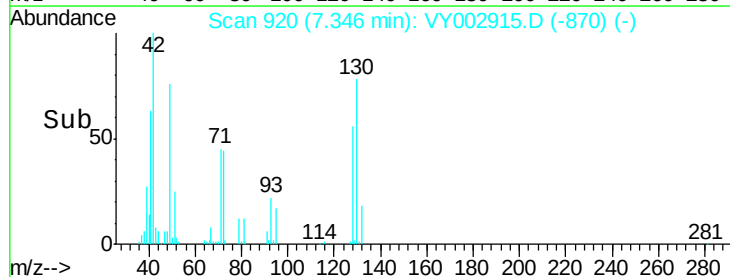
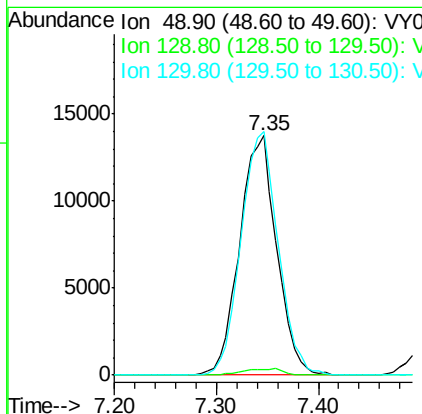
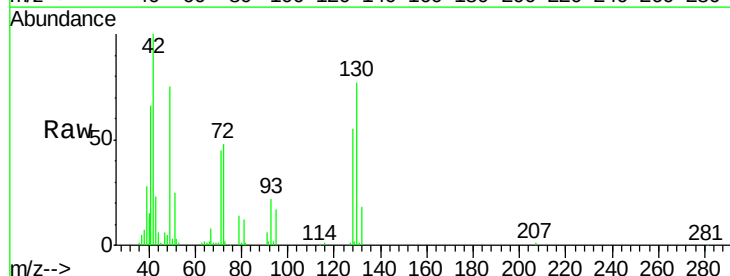
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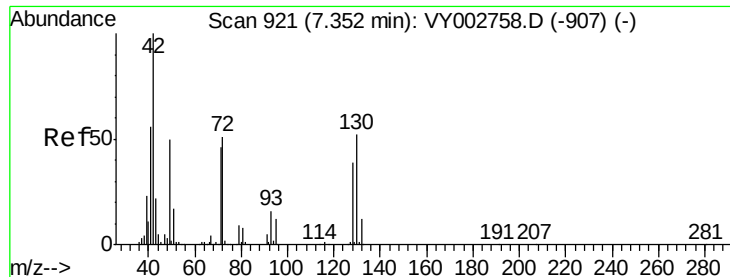


#28

Bromochloromethane
 Concen: 22.117 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.2
130	101.9	77.1	115.7





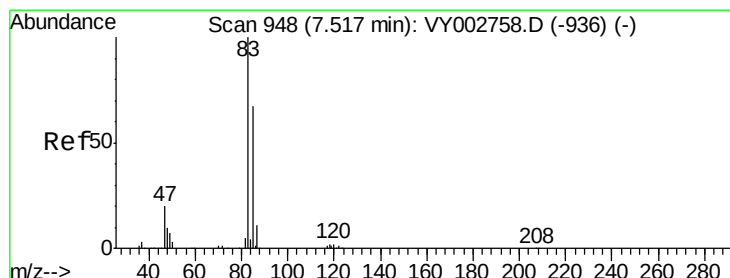
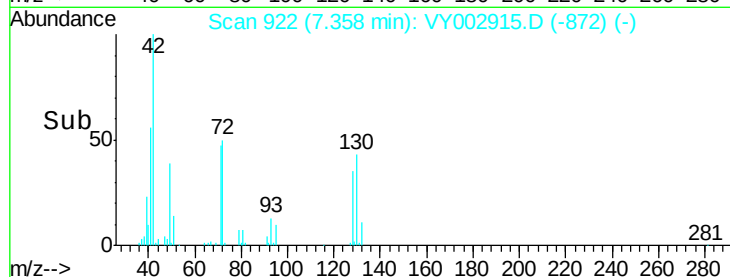
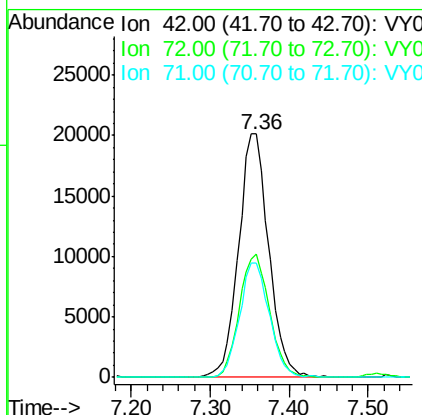
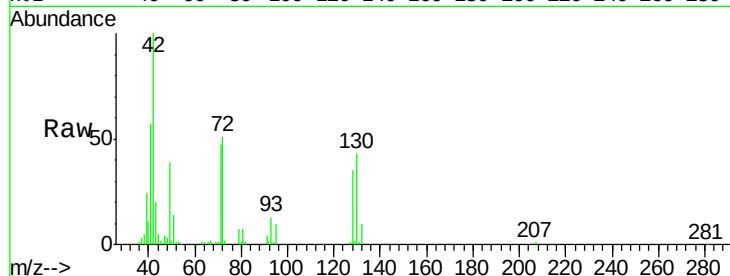
#29
Tetrahydrofuran
Concen: 100.994 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion:	42	Resp:	53635
Ion Ratio	Lower	Upper	
42	100		
72	50.5	38.6	58.0
71	46.3	35.8	53.8

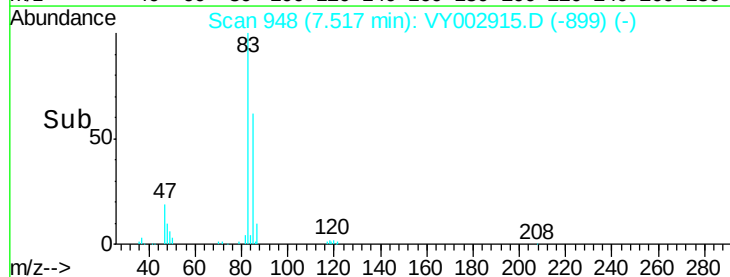
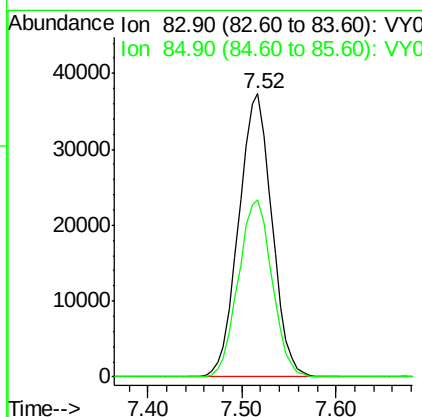
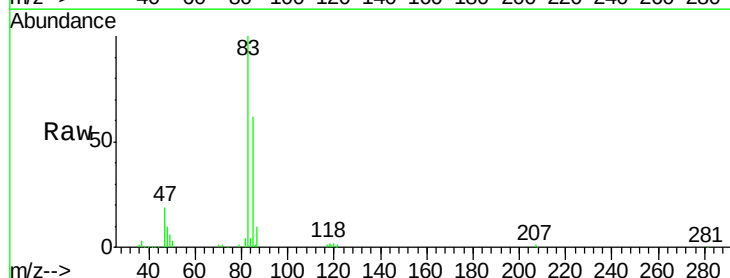
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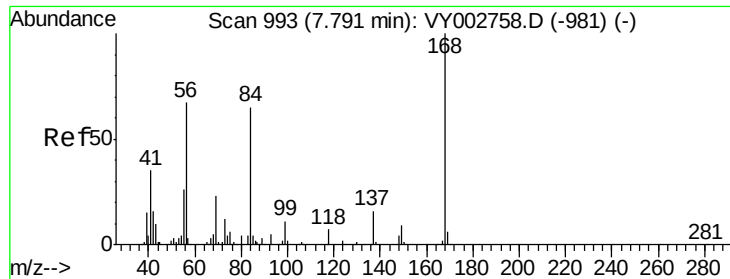
MMDadoda
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#30
Chloroform
Concen: 22.552 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion:	83	Resp:	91358
Ion Ratio	Lower	Upper	
83	100		
85	62.5	53.8	80.8





#31

Cyclohexane

Concen: 20.173 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

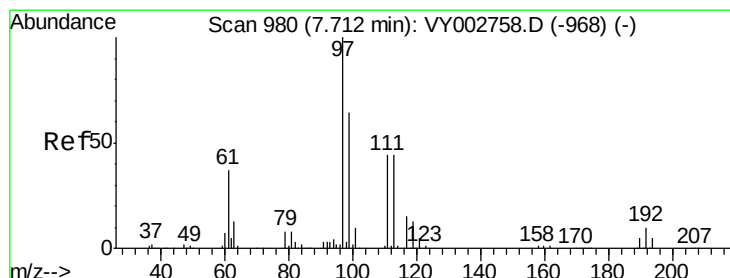
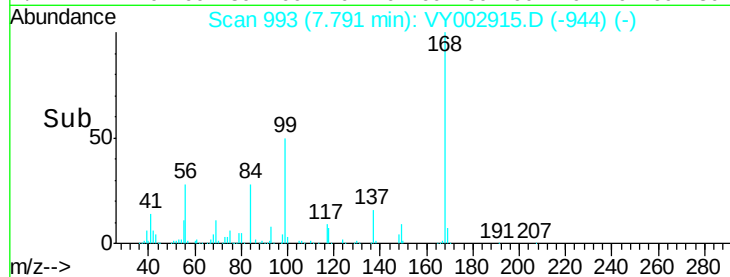
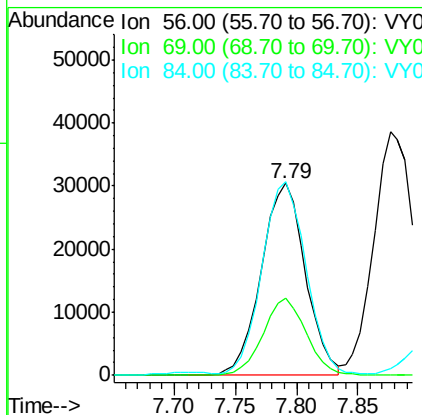
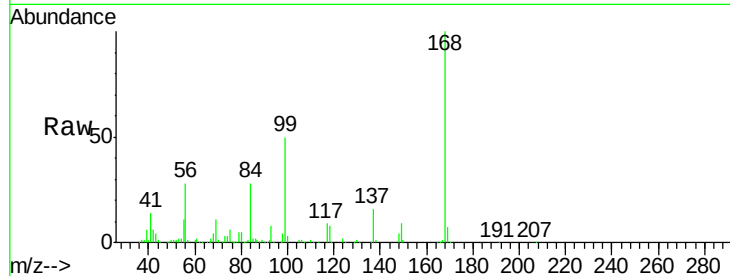
ClientSampleId :

VY0618SBS01

Tot Ion:	56	Resp:	76460
Ion	Ratio	Lower	Upper
56	100		
69	40.2	28.0	42.0
84	98.7	77.7	116.5

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#32

1,1,1-Trichloroethane

Concen: 22.238 ug/l

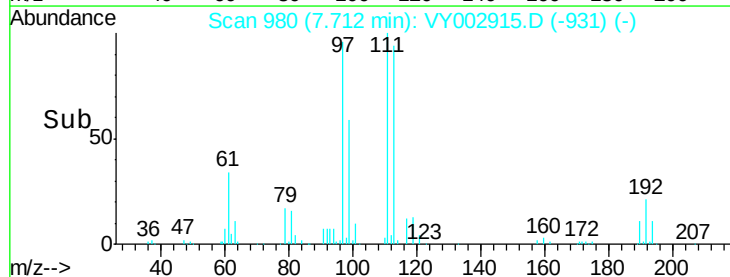
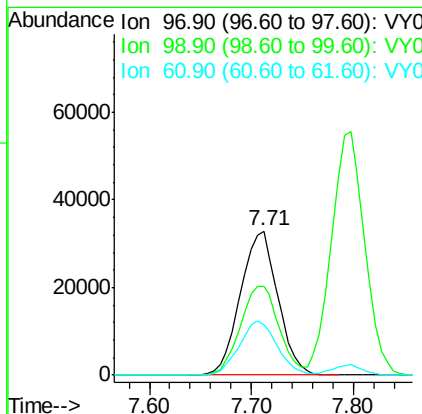
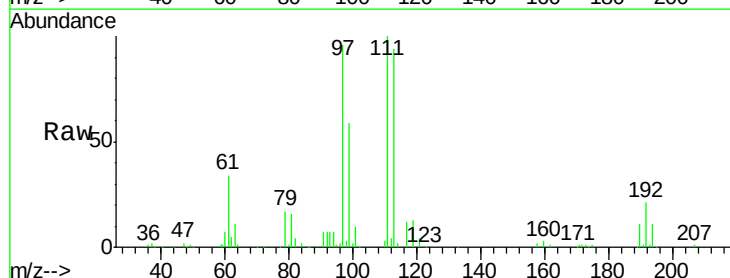
RT: 7.71 min Scan# 980

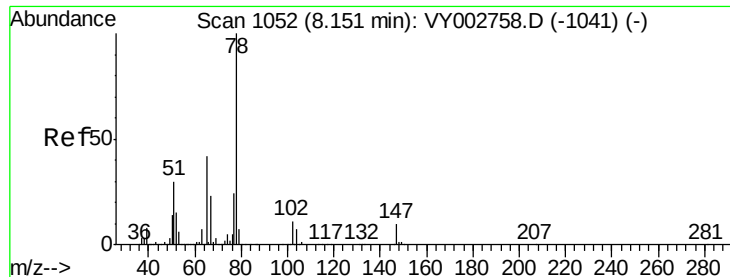
Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Tgt Ion:	97	Resp:	83945
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.4	77.0
61	37.9	30.1	45.1





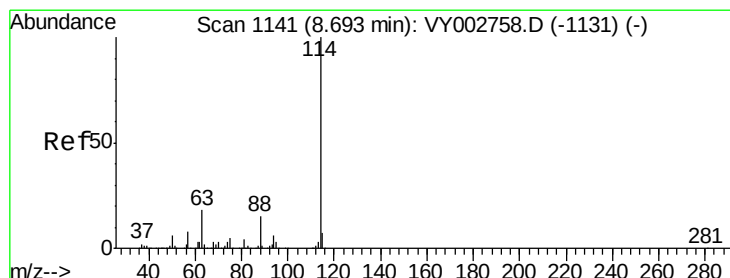
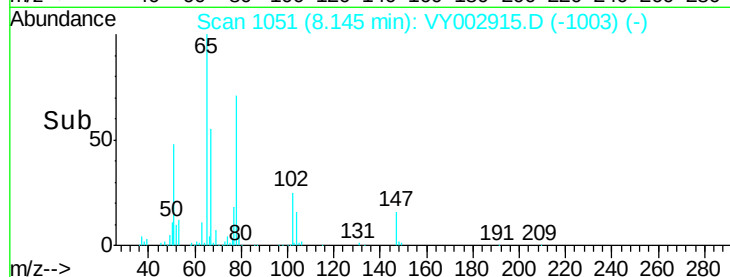
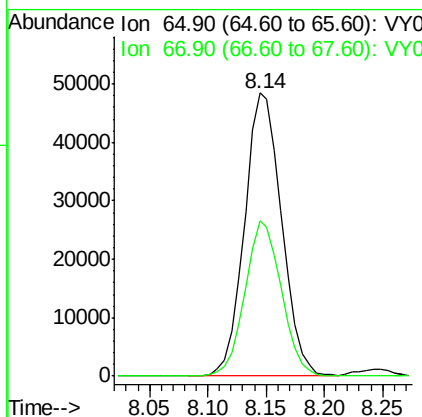
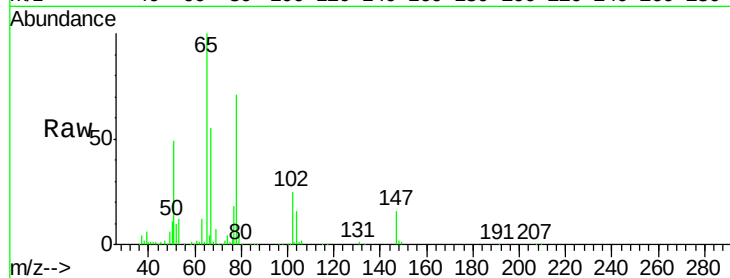
#33
 1,2-Dichloroethane-d4
 Concen: 48.131 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.8	0.0	111.0	

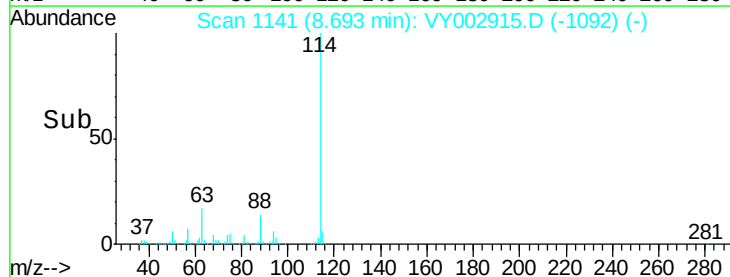
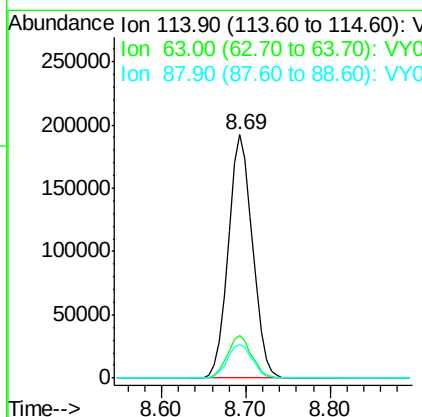
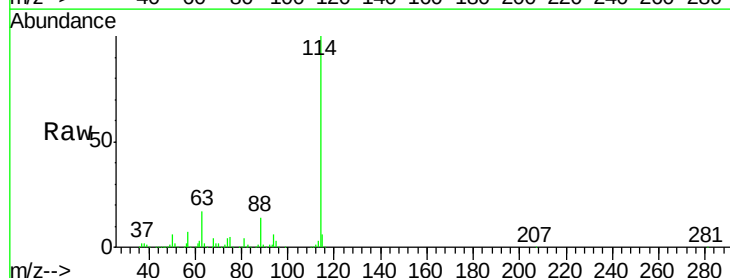
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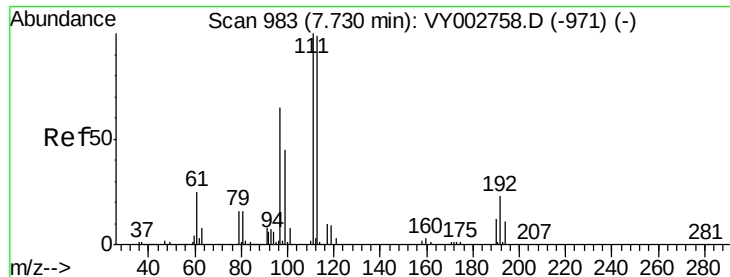
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.3	0.0	35.2	
88	13.9	0.0	29.2	





#35

Dibromofluoromethane

Concen: 50.227 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

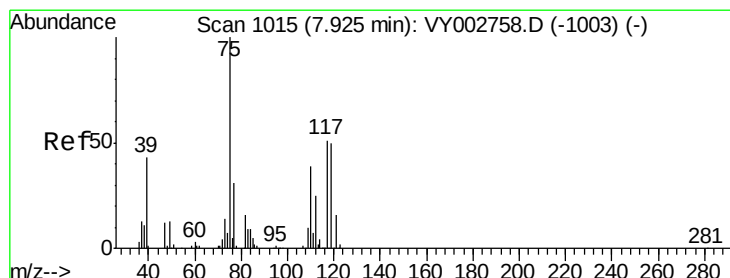
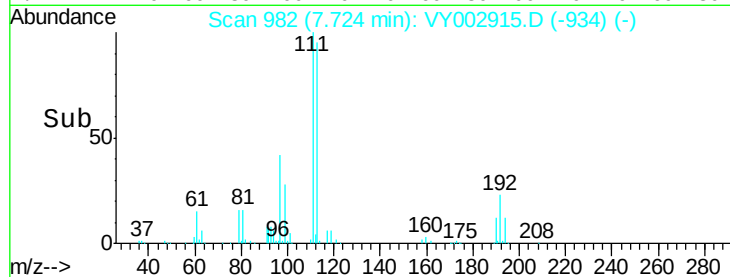
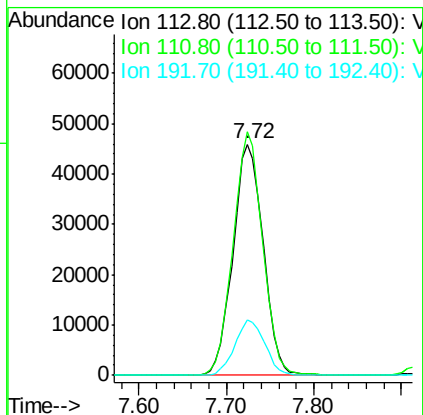
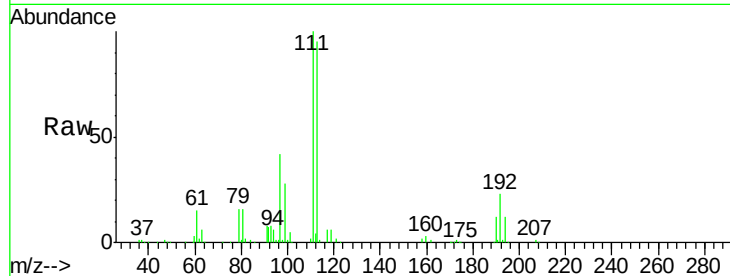
ClientSampleId :

VY0618SBS01

Tot Ion:	113	Resp:	110166
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.0	123.0
192	23.8	18.9	28.3

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#36

1,1-Dichloropropene

Concen: 21.460 ug/l

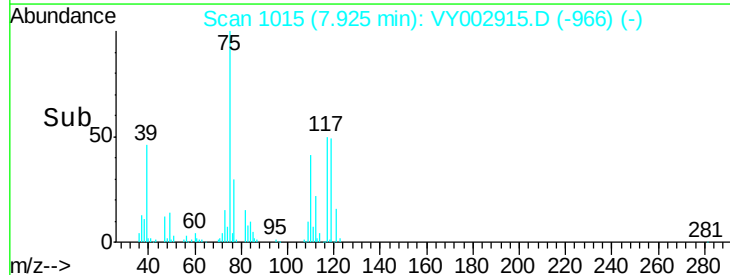
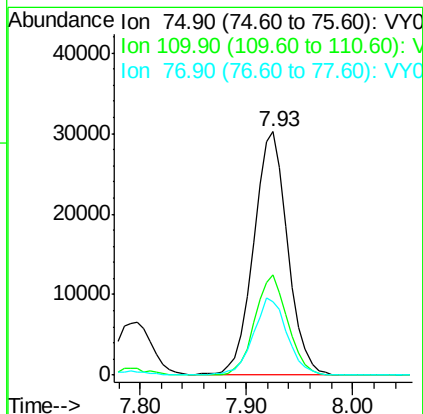
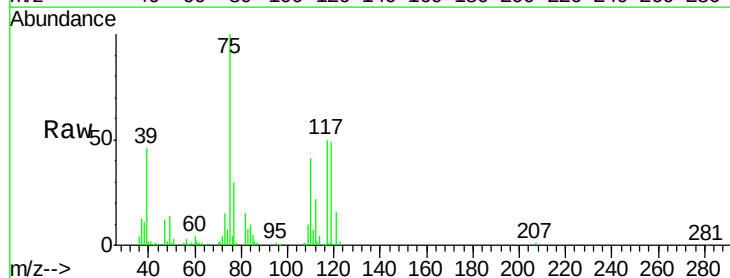
RT: 7.93 min Scan# 1015

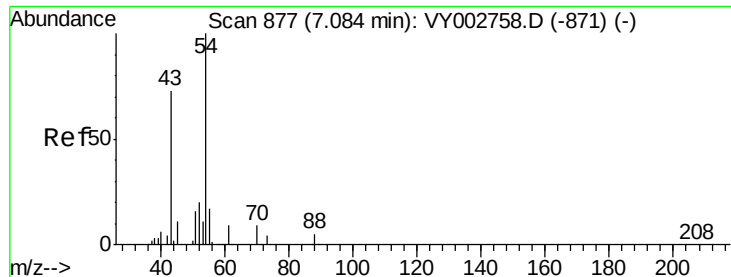
Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Tgt Ion:	75	Resp:	67658
Ion Ratio	Lower	Upper	
75	100		
110	39.7	19.3	57.9
77	31.6	24.8	37.2





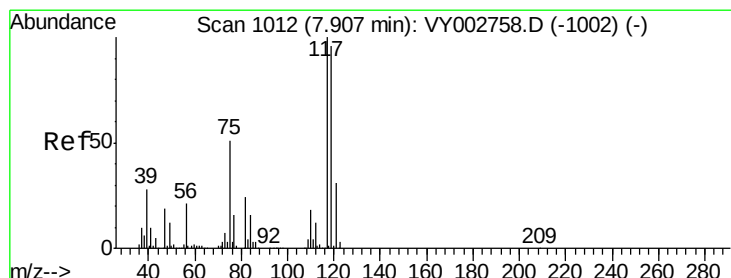
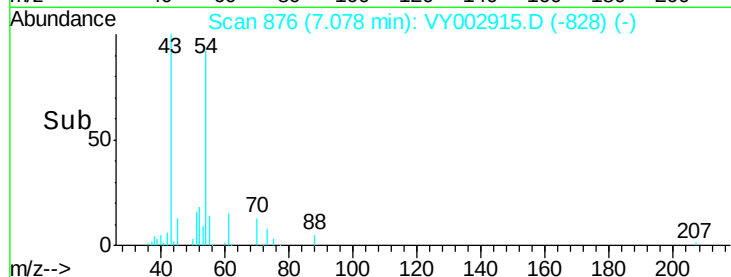
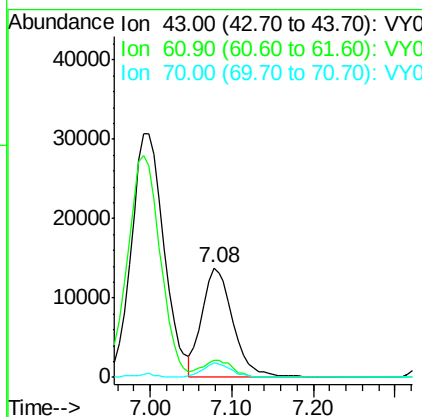
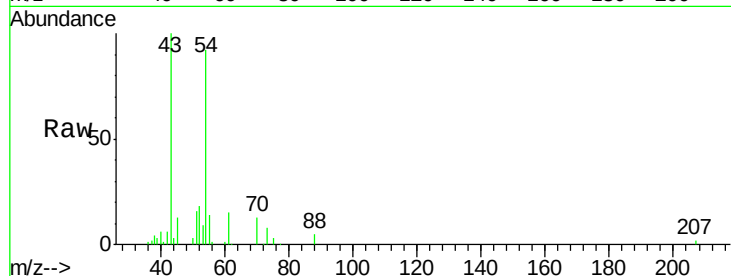
#37
Ethyl Acetate
Concen: 21.356 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.9	17.9
70	11.9	9.1	13.7

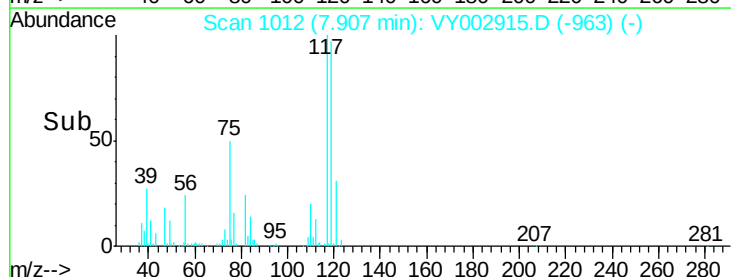
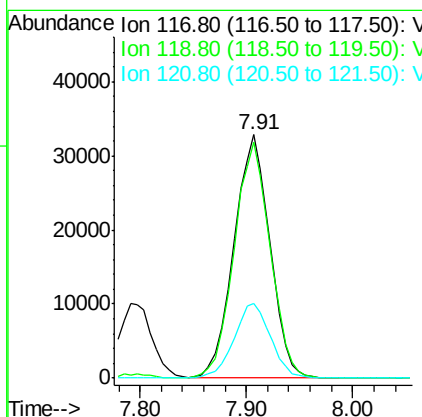
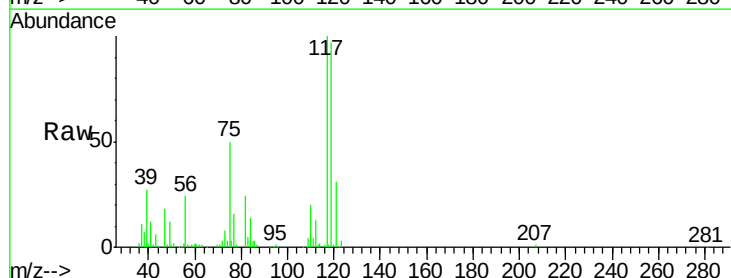
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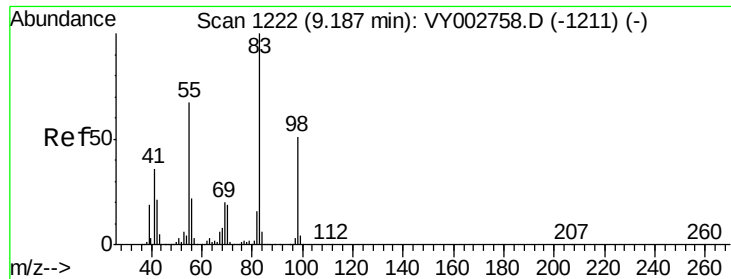
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#38
Carbon Tetrachloride
Concen: 22.245 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.8	115.2
121	30.9	24.8	37.2





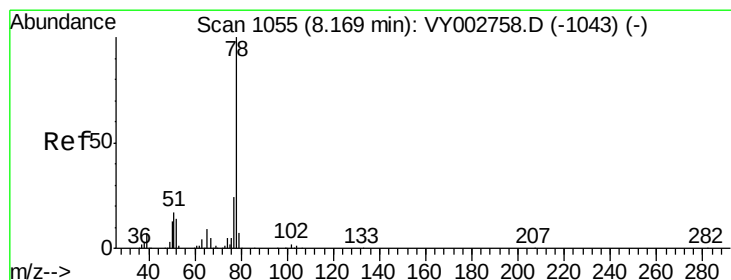
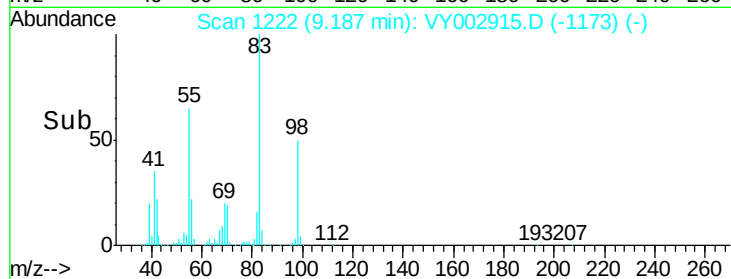
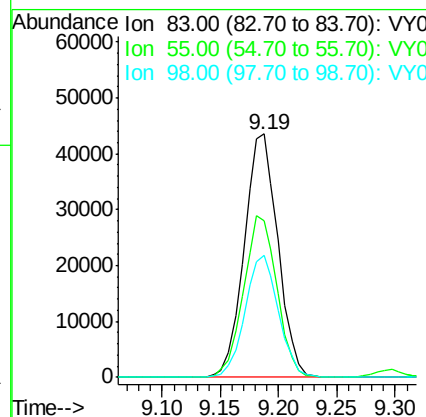
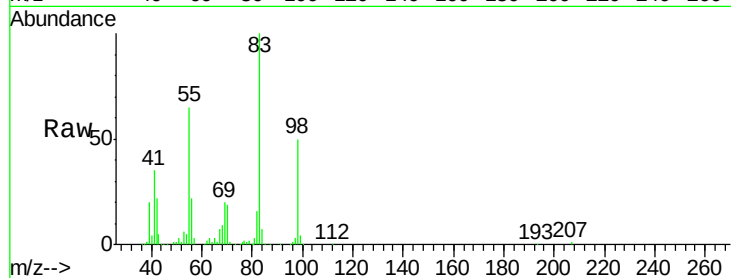
#39
Methylvlcyclohexane
Concen: 21.095 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	64.6	53.3	79.9
98	50.2	41.1	61.7

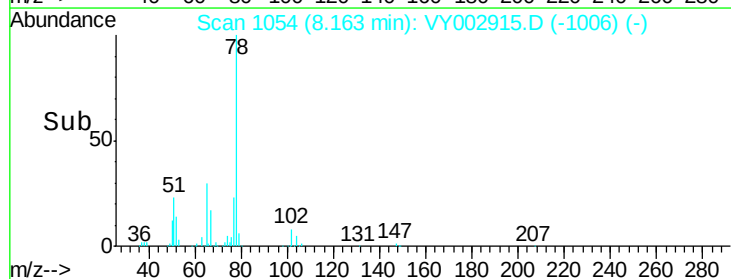
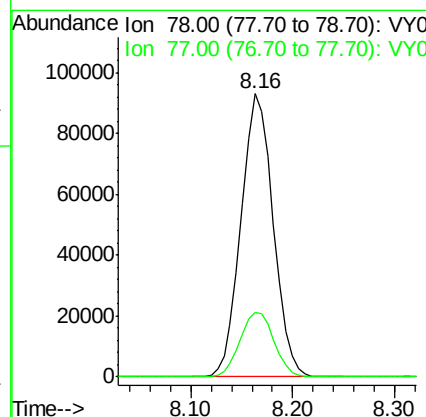
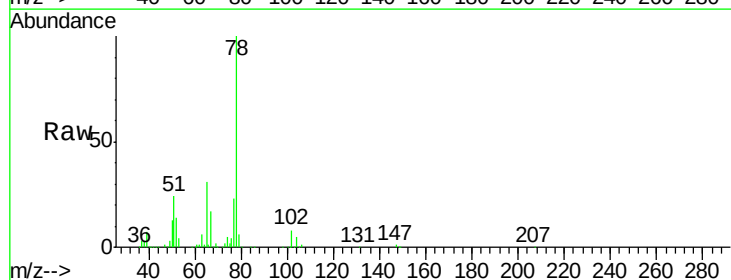
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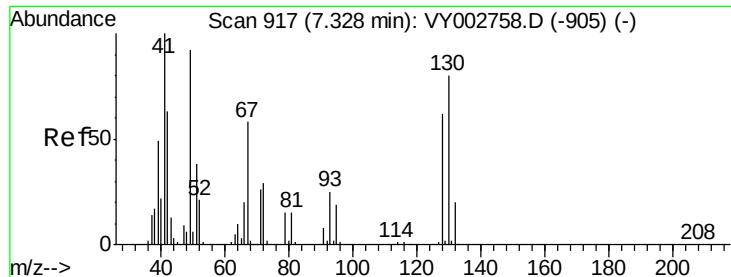
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#40
Benzene
Concen: 21.901 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.8	28.2





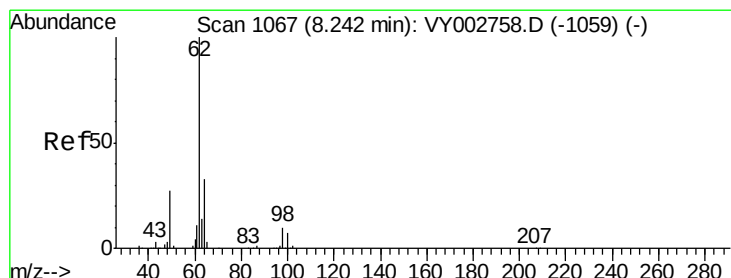
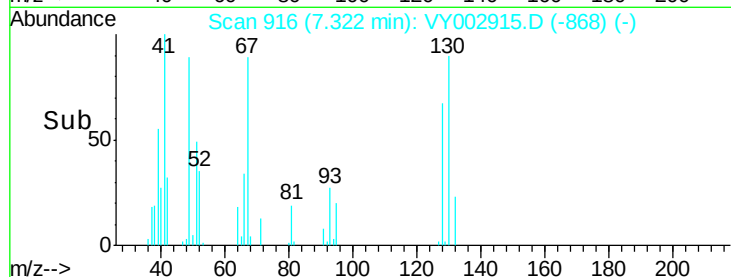
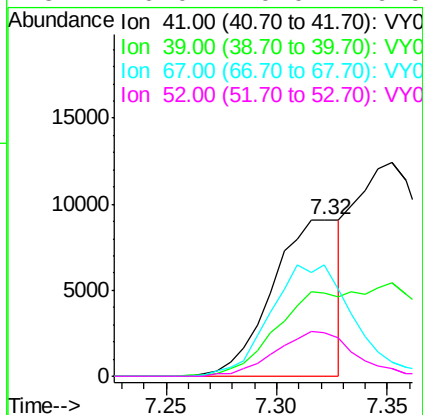
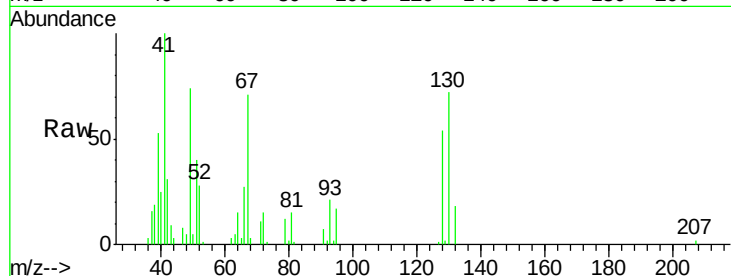
#41
Methacrylonitrile
Concen: 21.141 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

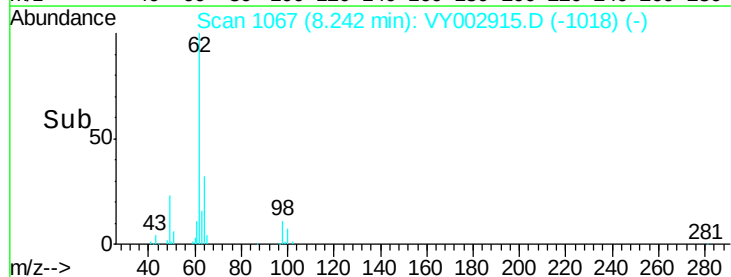
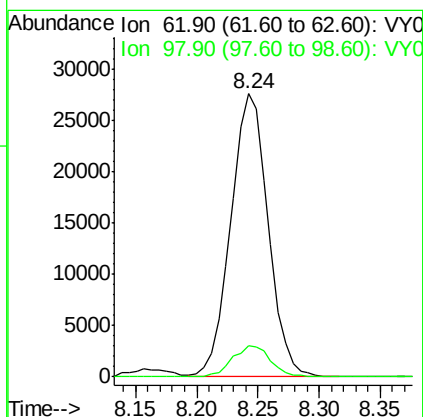
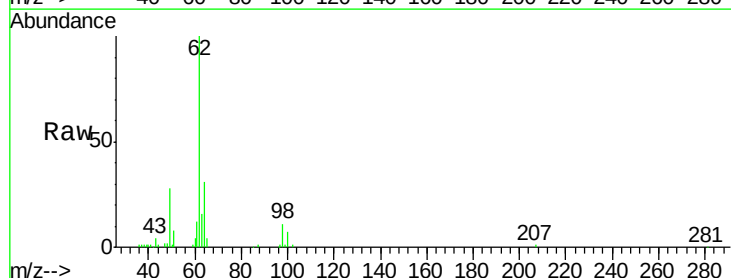
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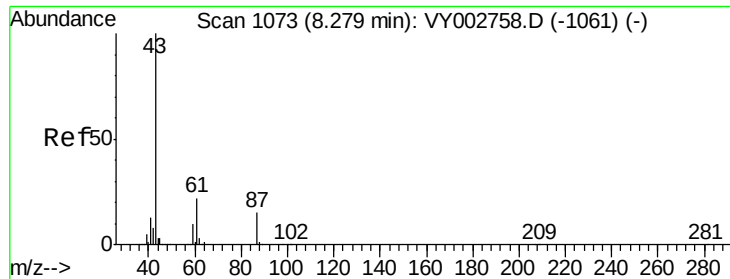
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#42
1,2-Dichloroethane
Concen: 22.402 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	22.6





#43

Isopropyl Acetate

Concen: 21.293 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

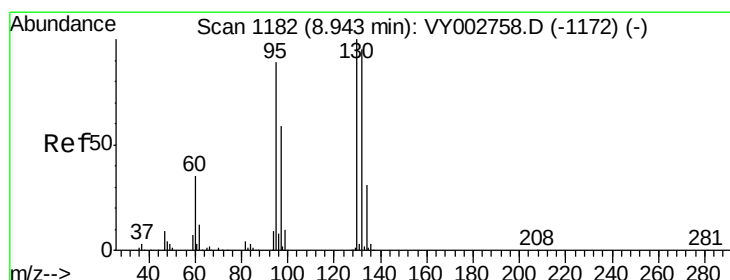
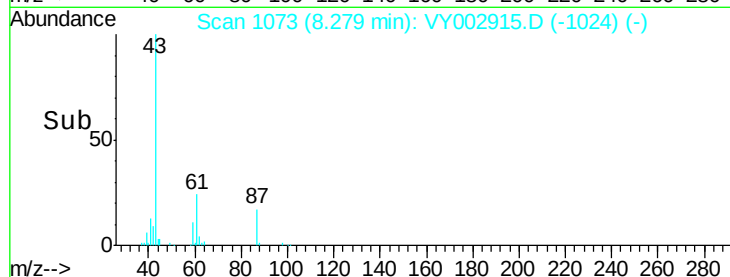
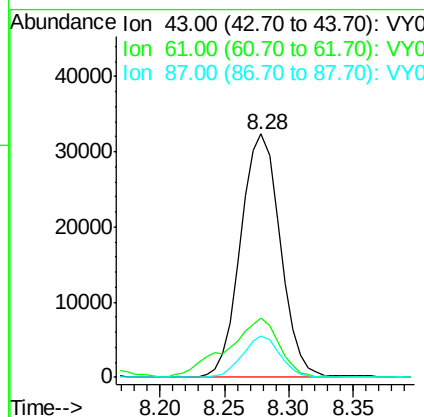
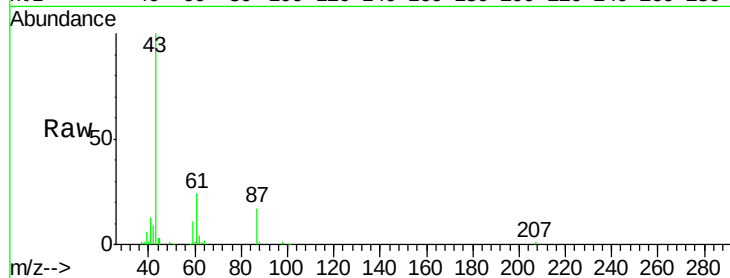
ClientSampleId :

VY0618SBS01

Tot Ion:	43	Resp:	69215
Ion	Ratio	Lower	Upper
43	100		
61	32.0	24.8	37.2
87	16.1	12.4	18.6

Manual Integrations
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#44

Trichloroethene

Concen: 21.732 ug/l

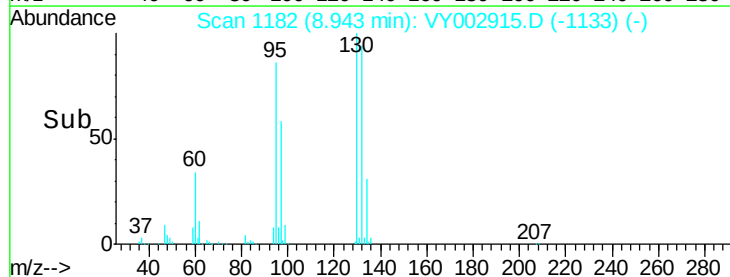
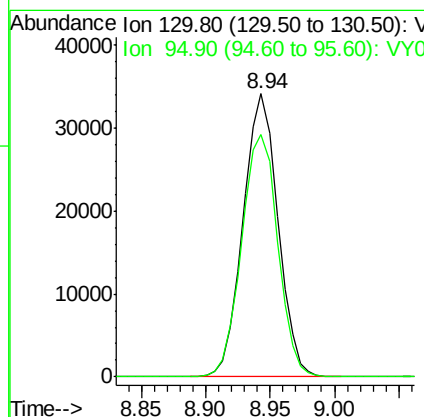
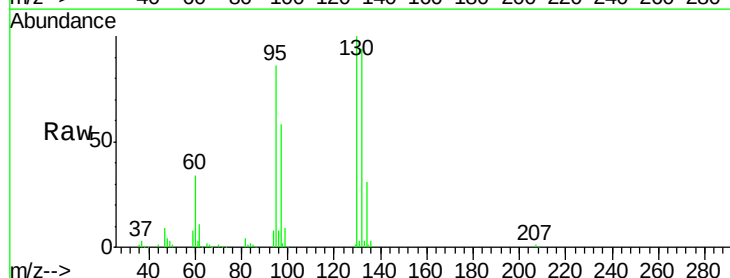
RT: 8.94 min Scan# 1182

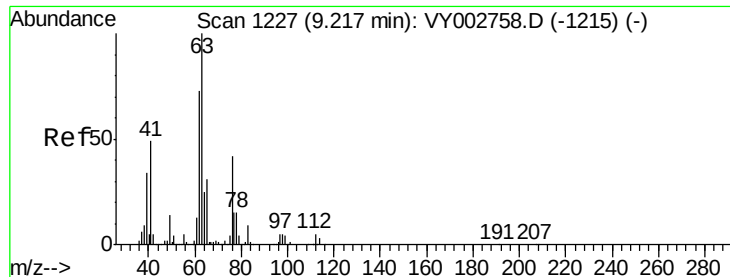
Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Tgt Ion:	130	Resp:	63947
Ion	Ratio	Lower	Upper
130	100		
95	85.8	0.0	178.8





#45

1,2-Dichloropropane

Concen: 22.261 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 63 Resp: 49730

Ion Ratio Lower Upper

63 100

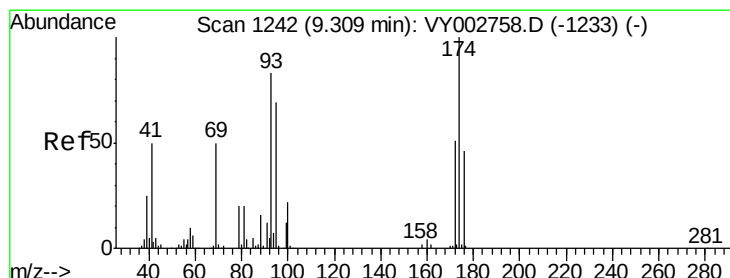
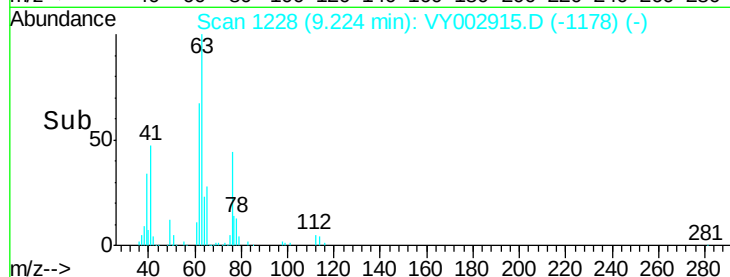
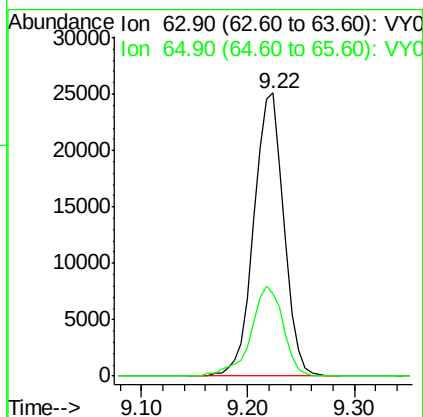
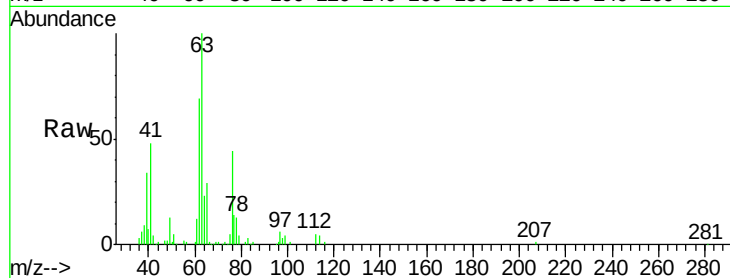
65 29.0 24.8 37.2

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#46

Dibromomethane

Concen: 21.850 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

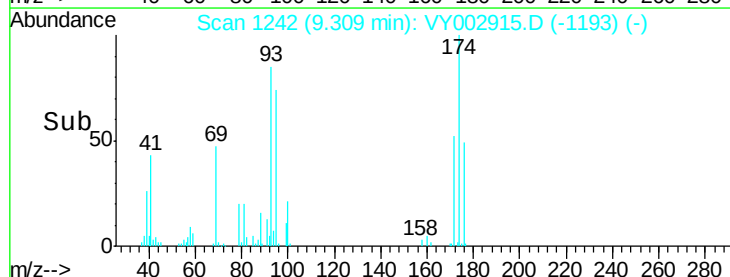
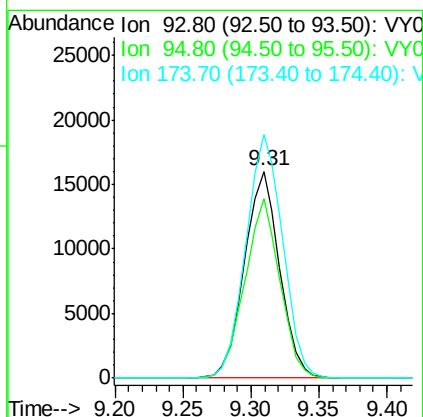
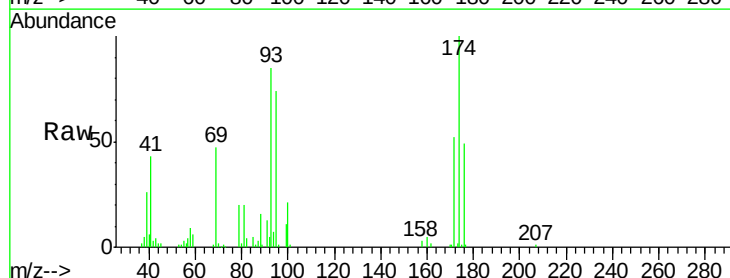
Tgt Ion: 93 Resp: 28989

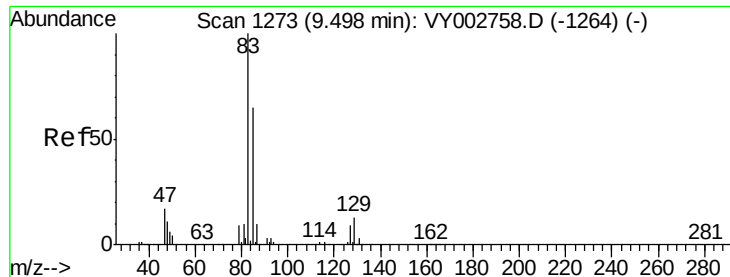
Ion Ratio Lower Upper

93 100

95 86.3 66.9 100.3

174 123.4 97.7 146.5





#47

Bromodichloromethane

Concen: 22.941 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

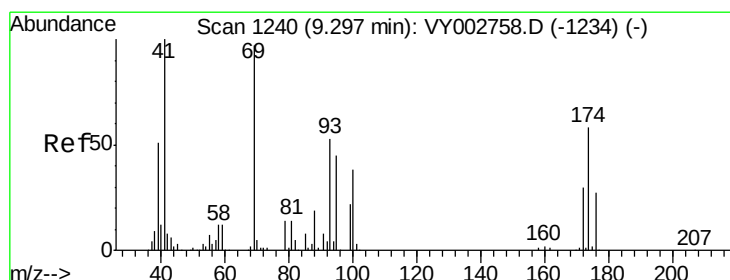
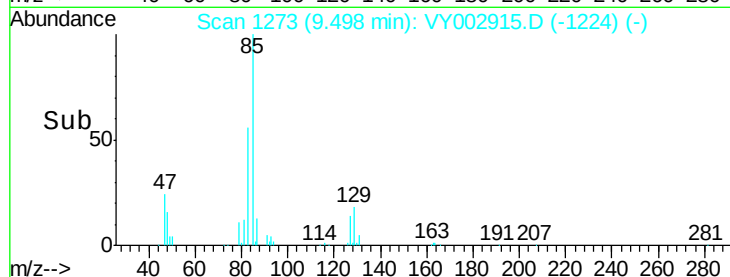
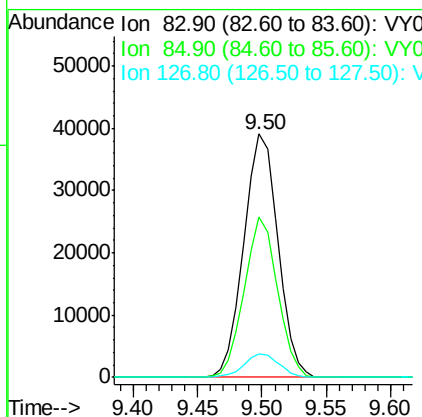
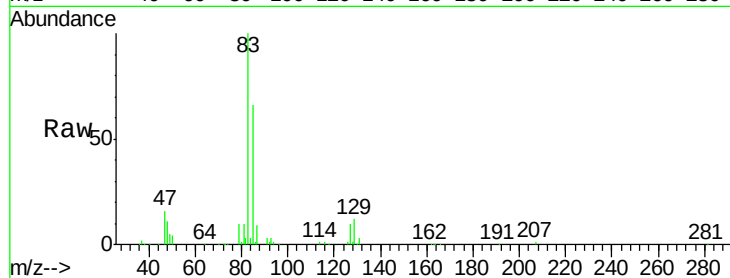
ClientSampleId :

VY0618SBS01

Tot Ion:	83	Resp:	71752
Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.9	77.9
127	9.6	7.1	10.7

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#48

Methyl methacrylate

Concen: 20.635 ug/l

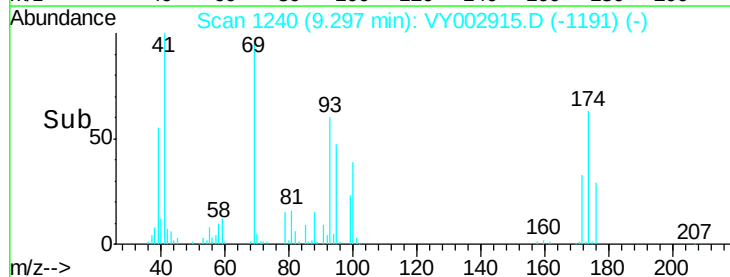
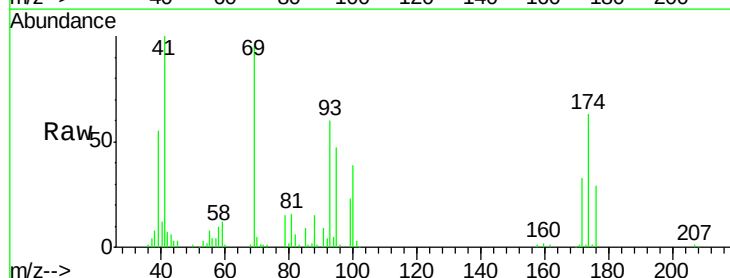
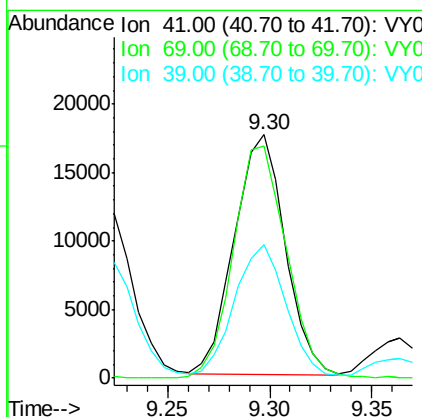
RT: 9.30 min Scan# 1240

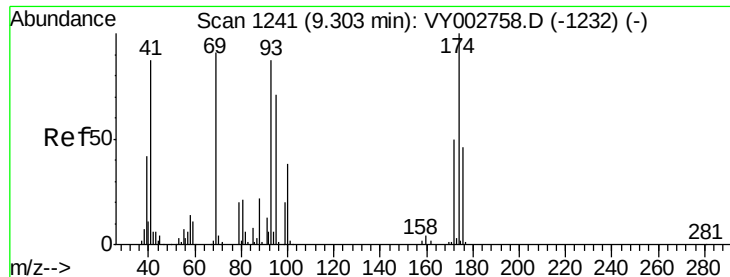
Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Tgt Ion:	41	Resp:	30280
Ion	Ratio	Lower	Upper
41	100		
69	101.5	79.7	119.5
39	55.1	43.3	64.9





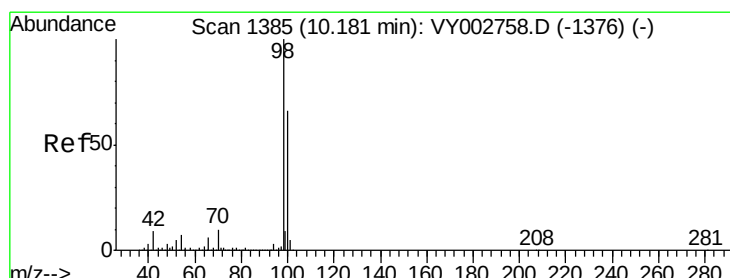
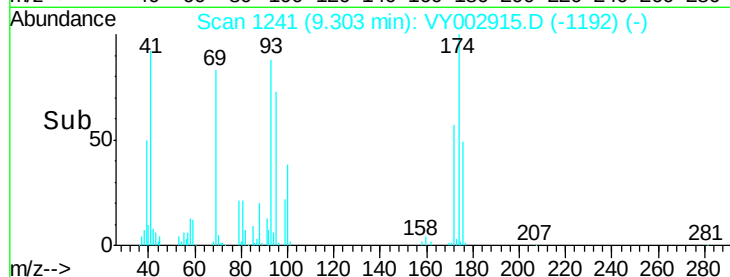
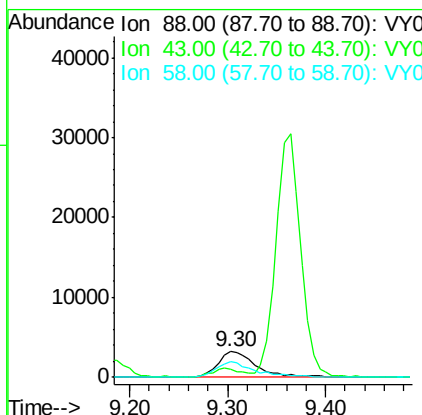
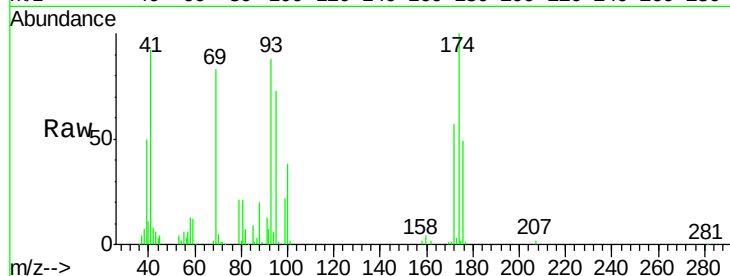
#49
1,4-Dioxane
Concen: 423.335 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	88	Resp	8624
Ion	Ratio	Lower	Upper
88	100		
43	26.3	21.3	31.9
58	64.3	52.2	78.2

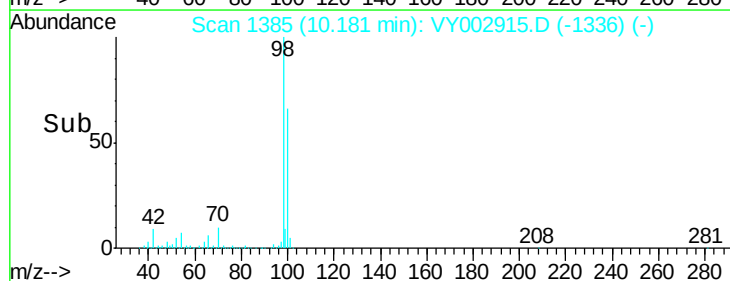
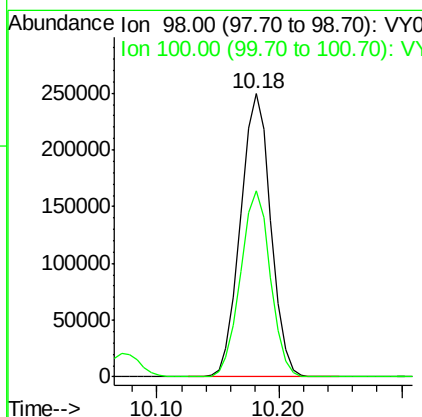
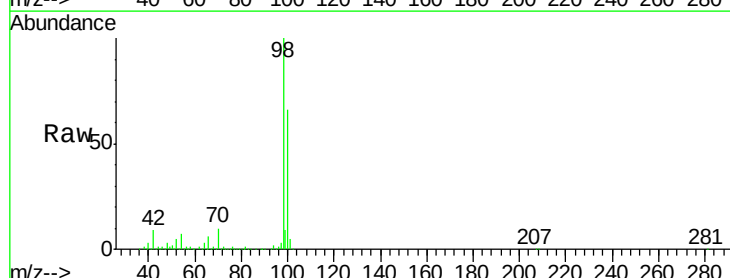
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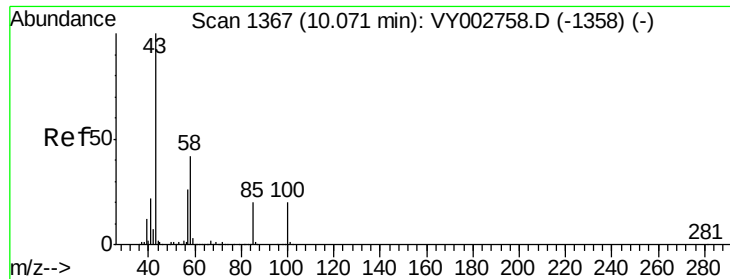
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#50
Toluene-d8
Concen: 48.202 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion	98	Resp	427471
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2





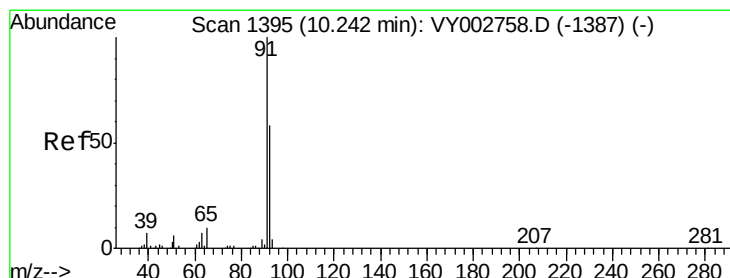
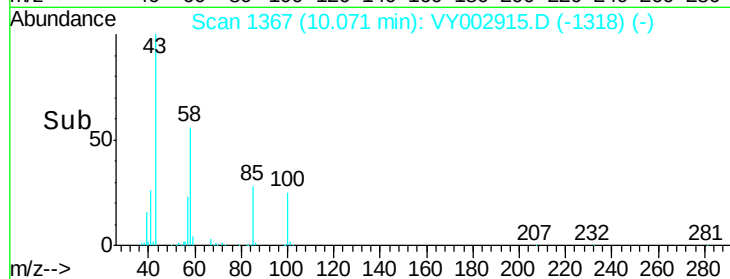
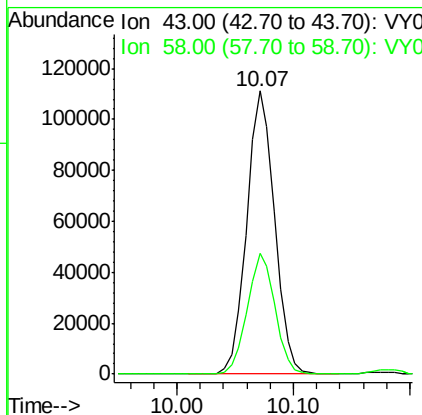
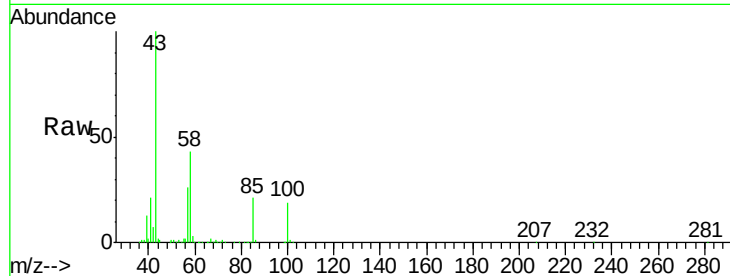
#51
4-Methyl-2-Pentanone
Concen: 107.566 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion: 43 Resp: 185147
Ion Ratio Lower Upper
43 100
58 42.7 34.2 51.2

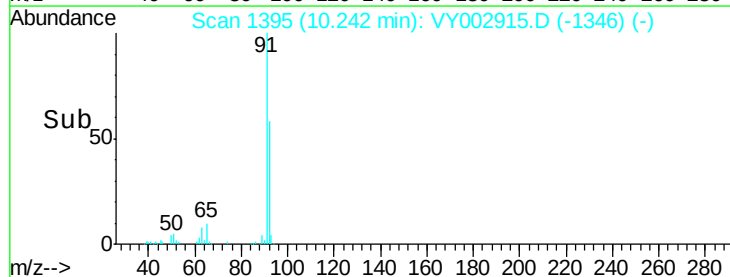
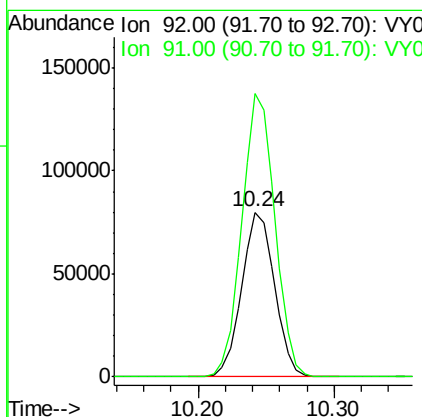
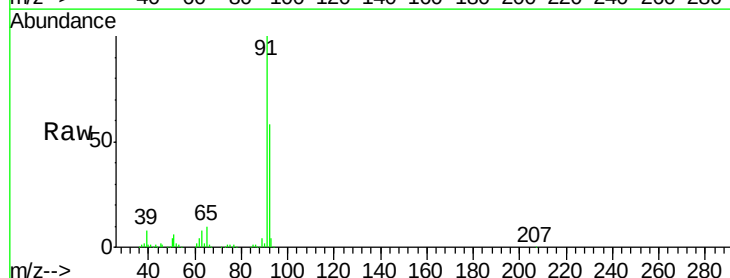
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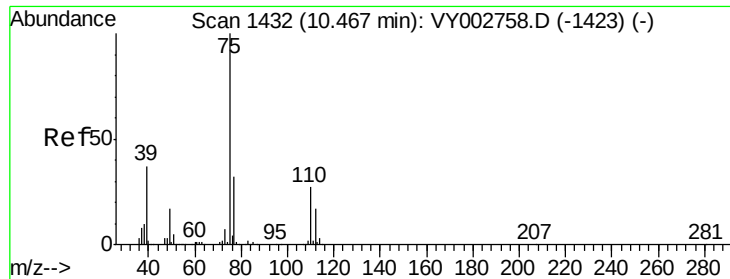
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#52
Toluene
Concen: 22.163 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion: 92 Resp: 135065
Ion Ratio Lower Upper
92 100
91 172.3 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 22.347 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 75 Resp: 76344

Ion Ratio Lower Upper

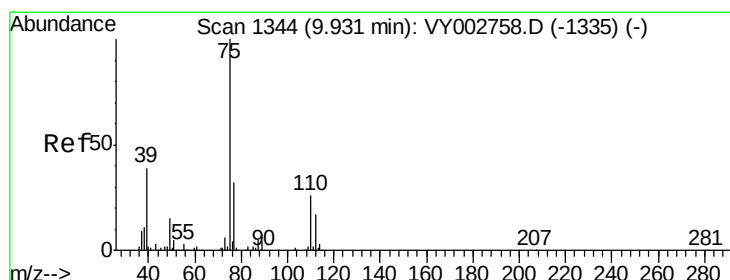
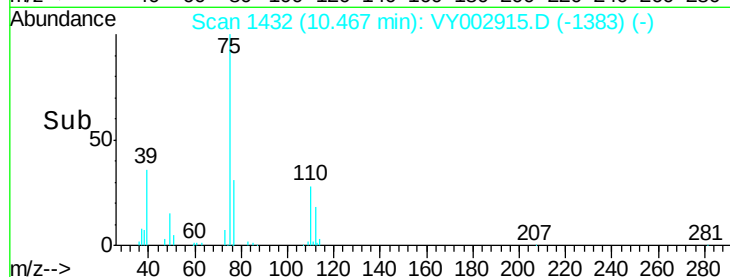
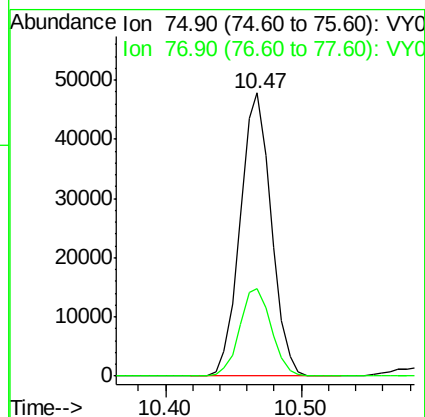
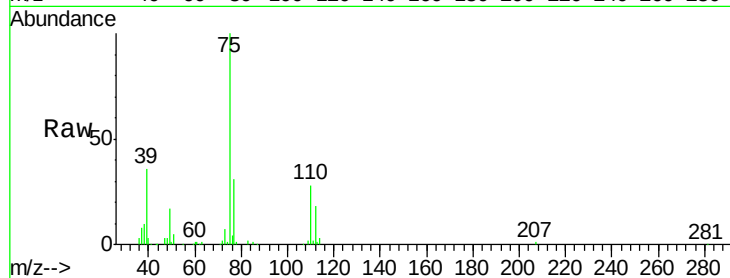
75 100

77 31.0 25.3 37.9

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#54

cis-1,3-Dichloropropene

Concen: 22.021 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

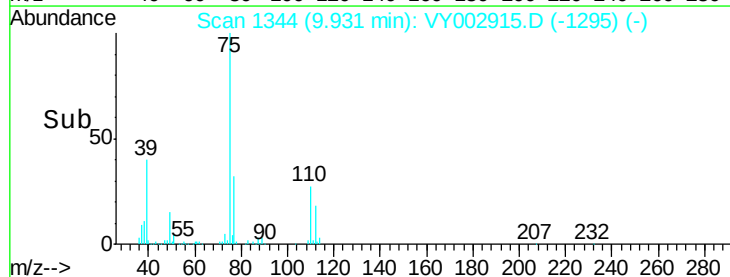
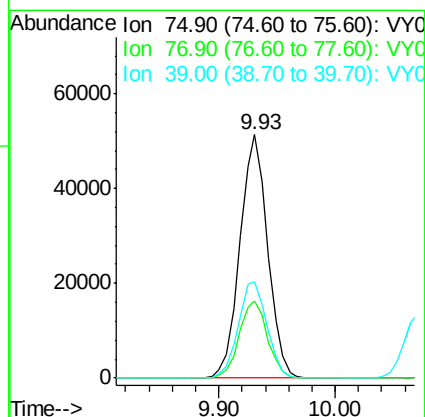
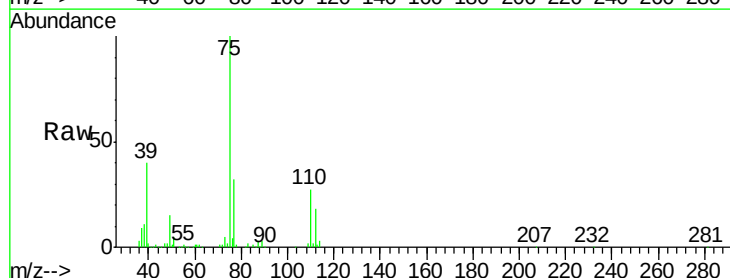
Tgt Ion: 75 Resp: 85243

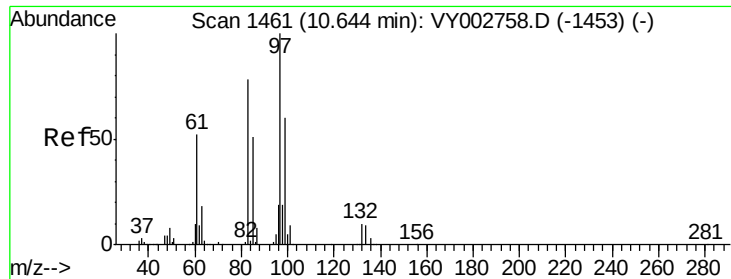
Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4

39 39.8 31.3 46.9





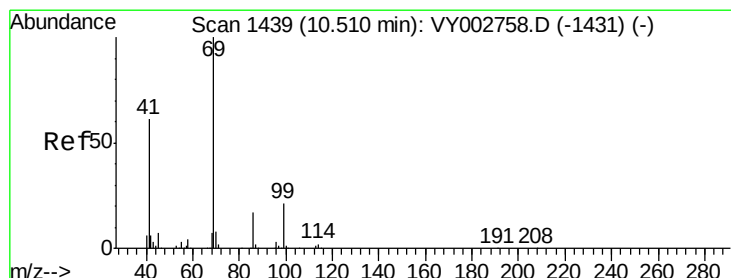
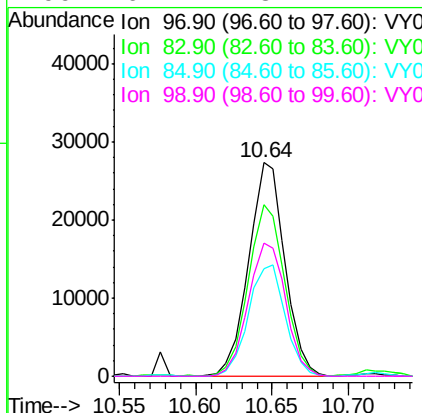
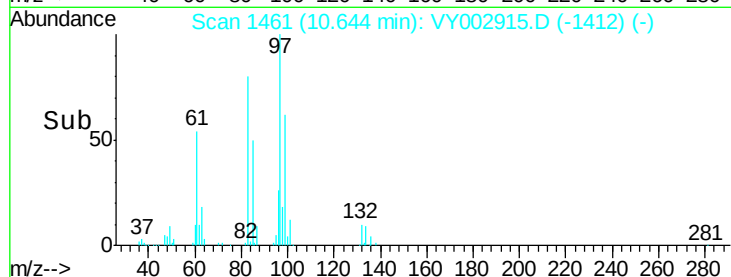
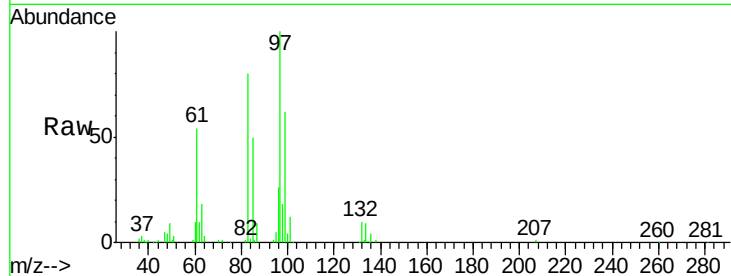
#55
 1,1,2-Trichloroethane
 Concen: 22.151 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion:	97	Resp:	44993
Ion	Ratio	Lower	Upper
97	100		
83	79.7	62.7	94.1
85	50.3	40.6	60.8
99	62.2	48.2	72.4

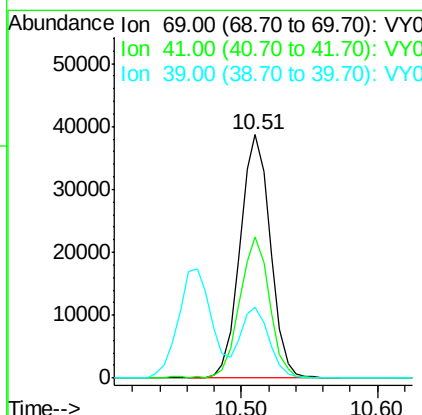
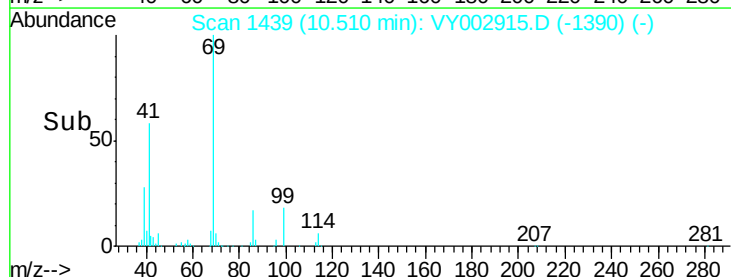
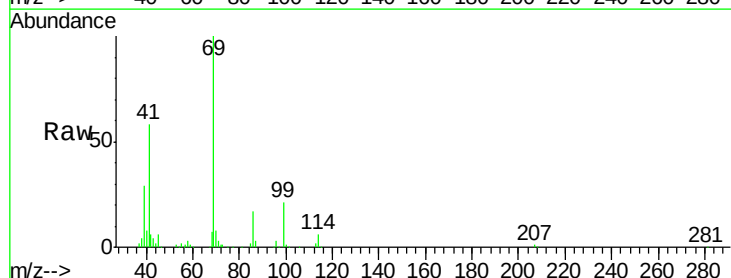
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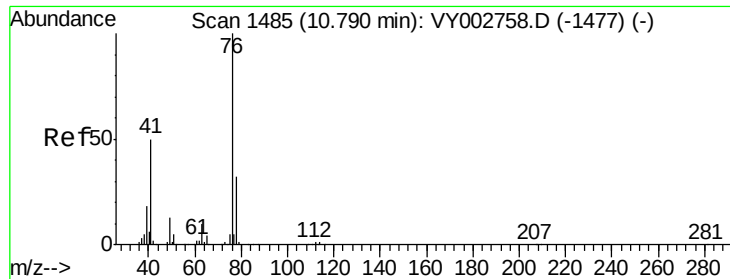
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#56
 Ethyl methacrylate
 Concen: 22.050 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Tgt Ion:	69	Resp:	59989
Ion	Ratio	Lower	Upper
69	100		
41	56.3	47.0	70.4
39	27.3	22.0	33.0





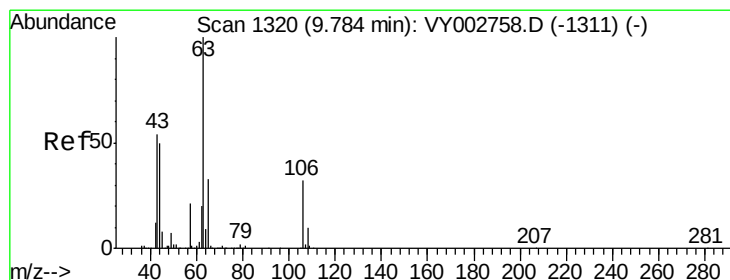
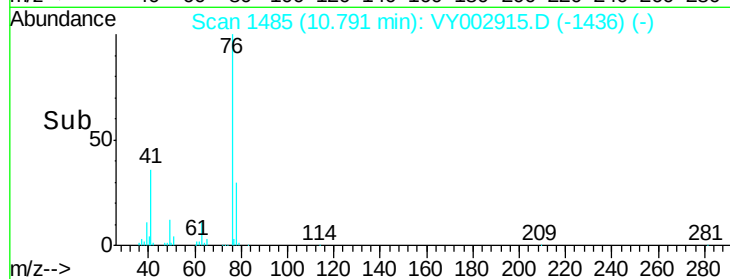
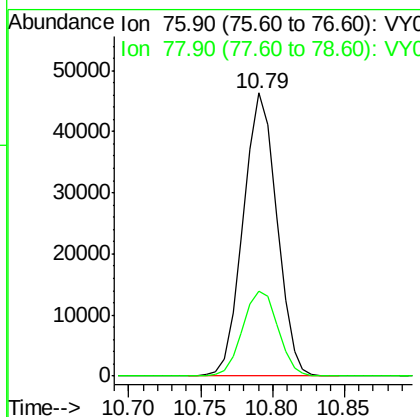
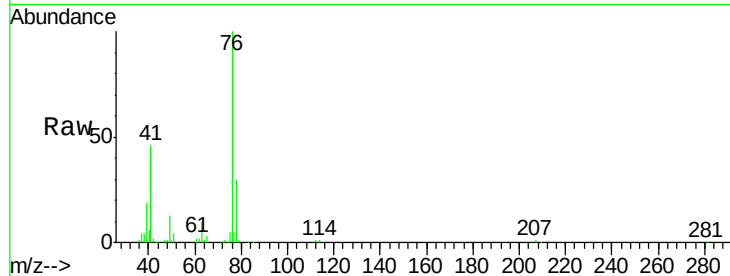
#57
 1,3-Dichloropropane
 Concen: 22.435 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	26.1	39.1

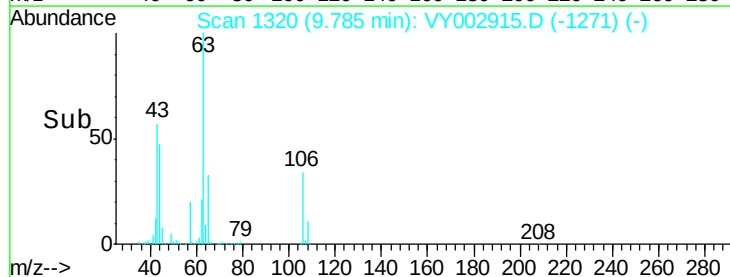
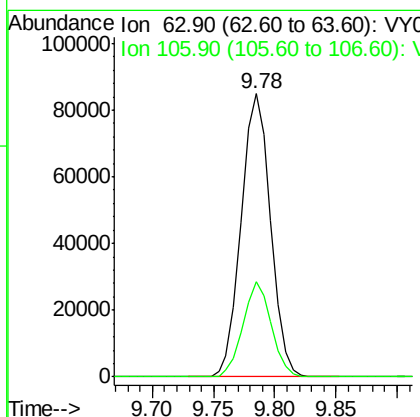
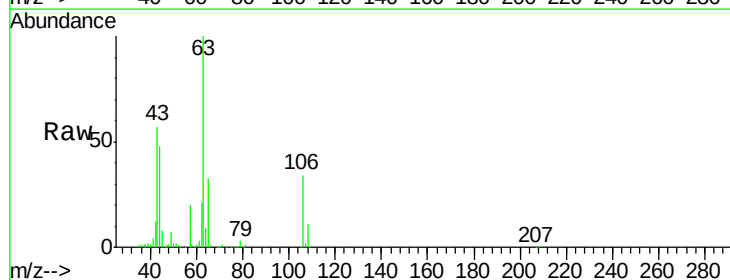
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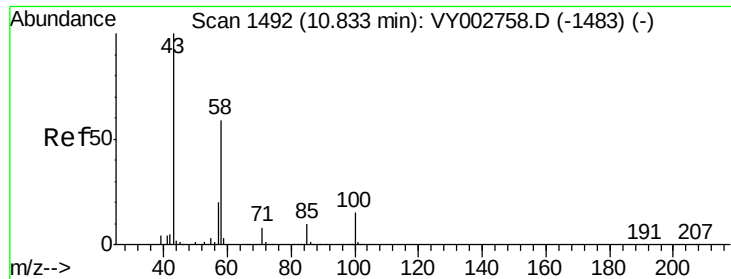
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#58
 2-Chloroethyl Vinyl ether
 Concen: 106.467 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.5	25.4	38.2





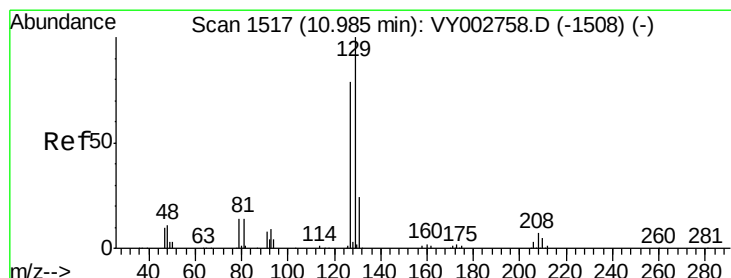
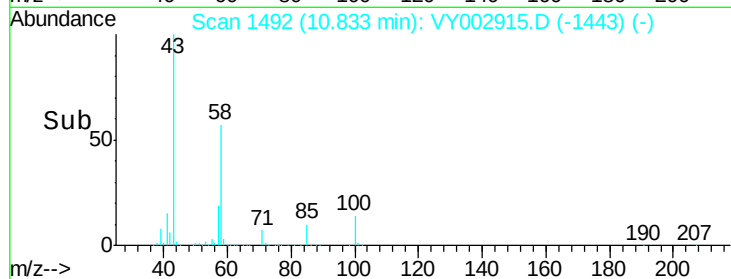
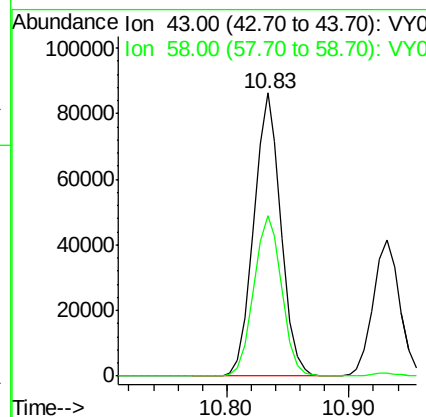
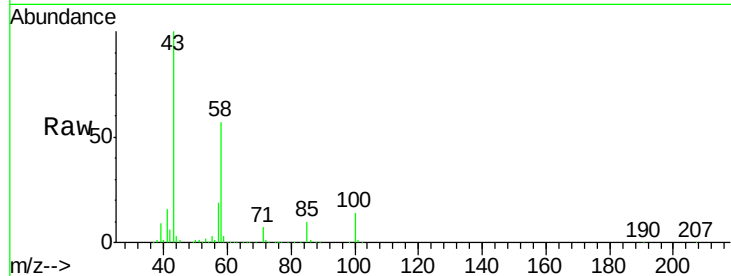
#59
2-Hexanone
Concen: 109.069 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Instrument :
MSVOA_Y
ClientSampled :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.2	29.5	88.5

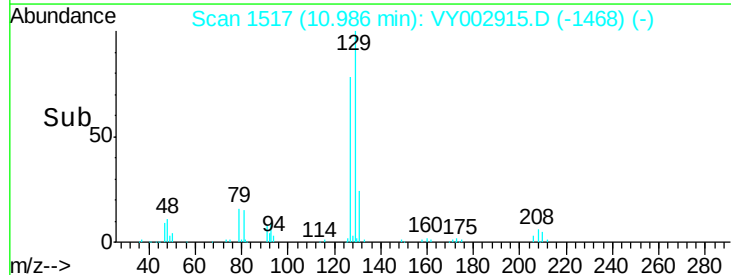
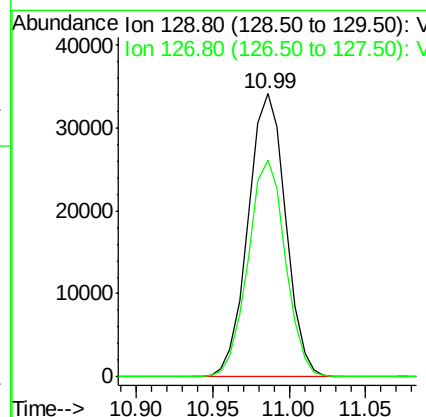
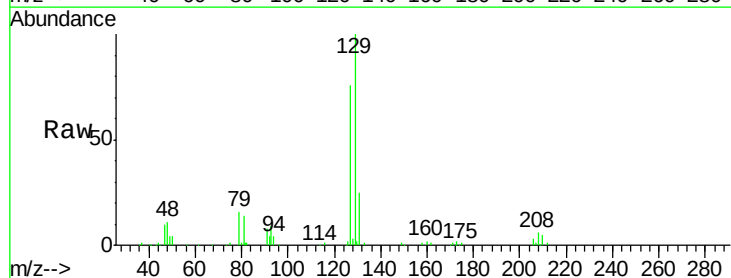
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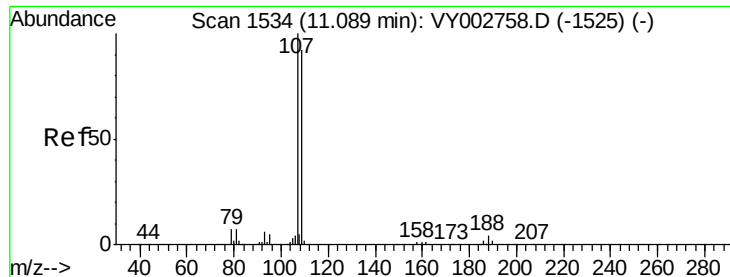
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#60
Dibromochloromethane
Concen: 22.661 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.0	38.5	115.3





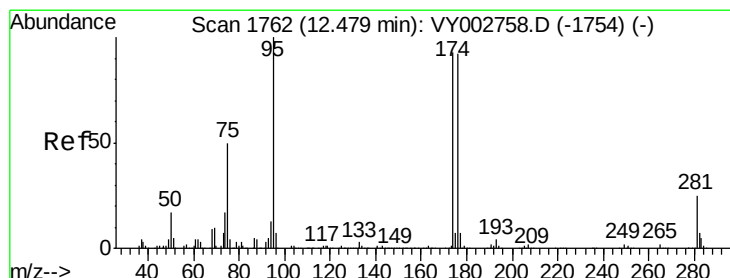
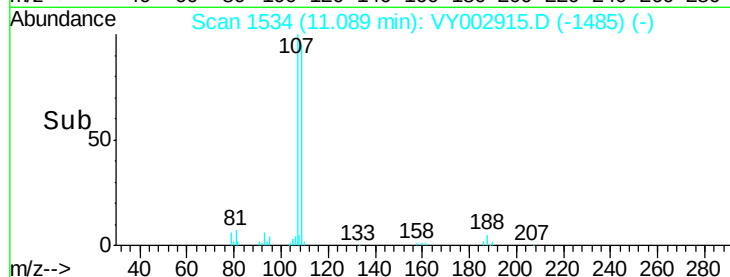
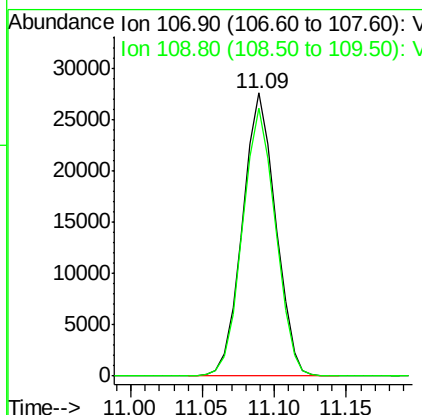
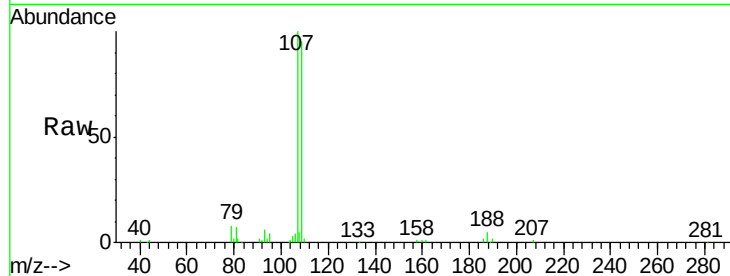
#61
 1,2-Dibromoethane
 Concen: 22.008 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion: 107 Resp: 44096
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.6 113.4

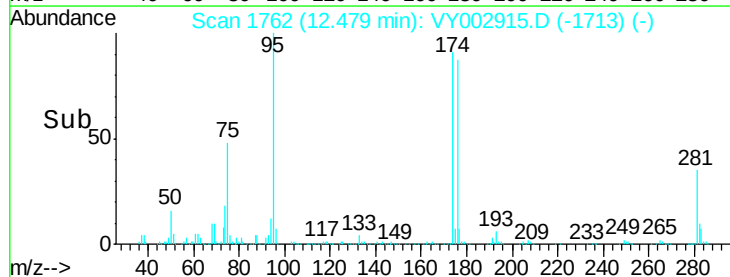
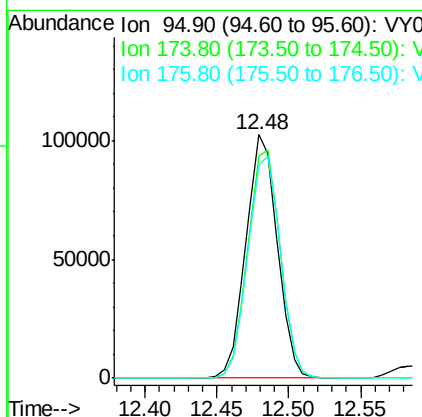
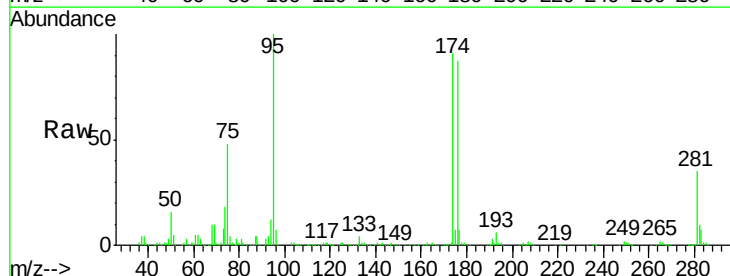
Manual Integrations
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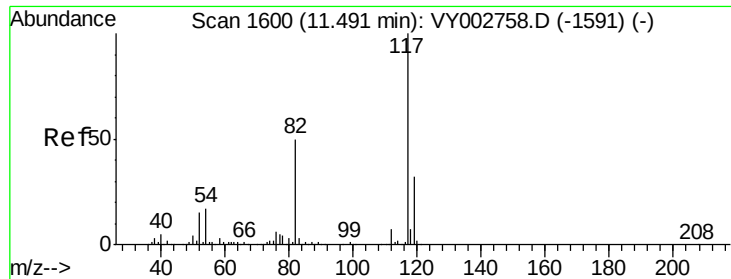
MMDadoda
 6/19/2020 1:12:09 PM



#62
 4-Bromofluorobenzene
 Concen: 50.967 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Tgt Ion: 95 Resp: 154471
 Ion Ratio Lower Upper
 95 100
 174 96.8 0.0 191.2
 176 94.2 0.0 188.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

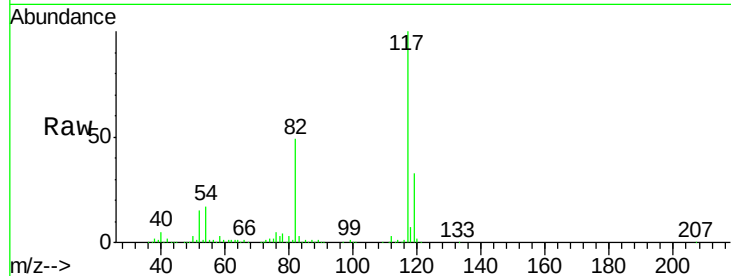
ClientSampleId :

VY0618SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
117	100		353840		
82	49.5		40.2	60.4	
119	32.6		25.8	38.8	

Manual Integrations
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MMDadoda
6/19/2020 1:12:09 PM

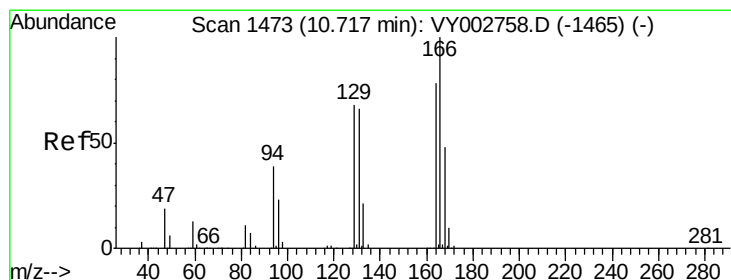
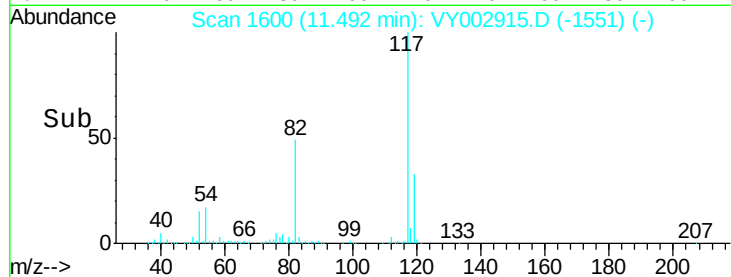
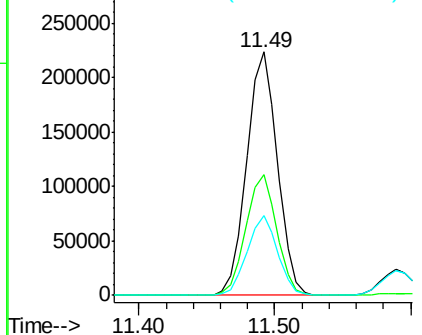


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 21.236 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		68293		
166	125.2		102.3	153.5	
129	83.9		69.4	104.2	
131	82.3		67.8	101.6	

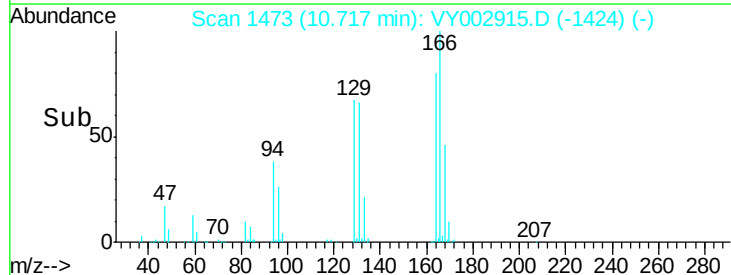
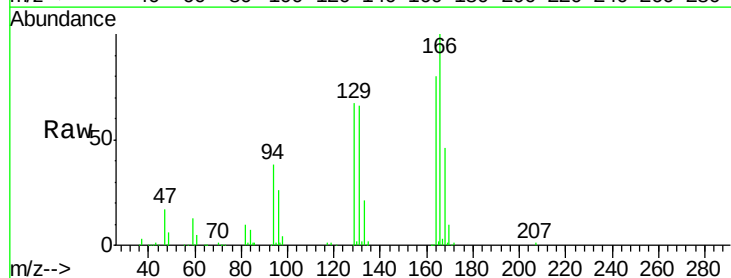
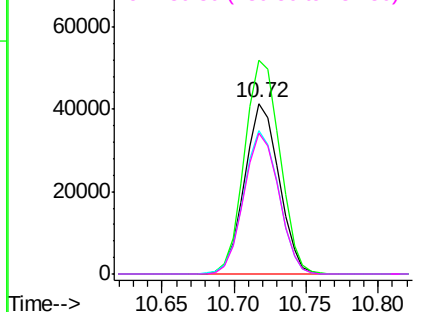
Abundance

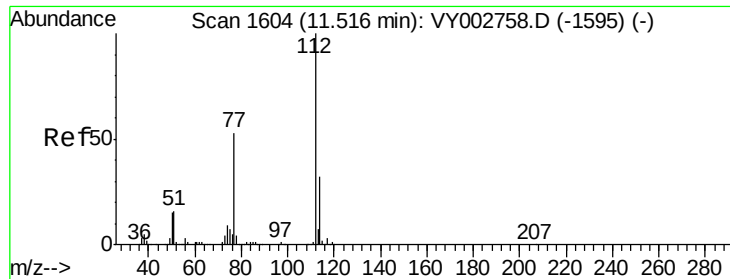
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





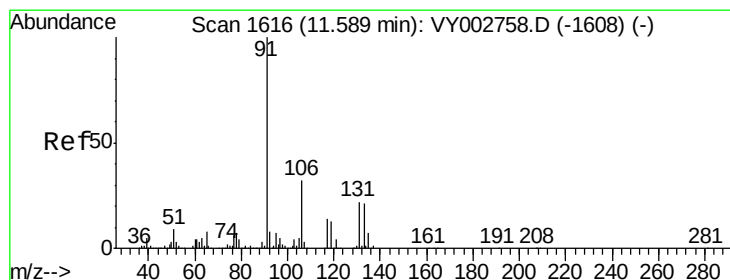
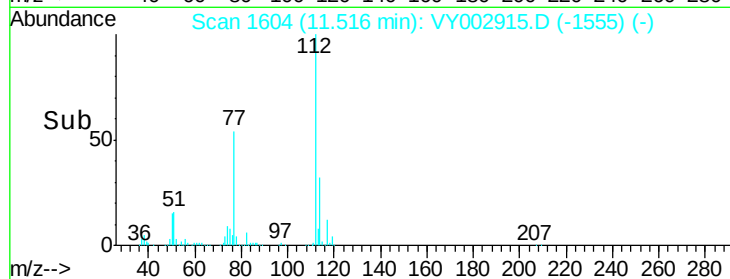
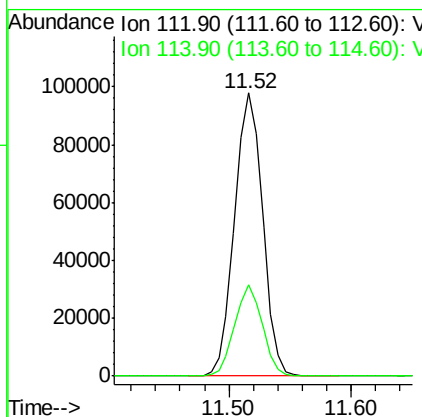
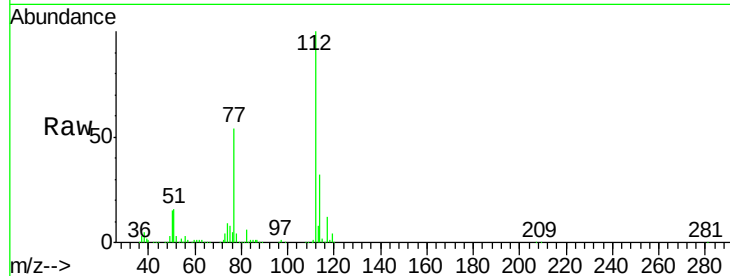
#65
Chlorobenzene
Concen: 22.218 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.7	38.5

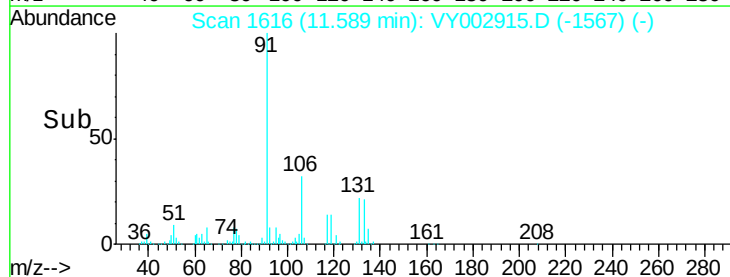
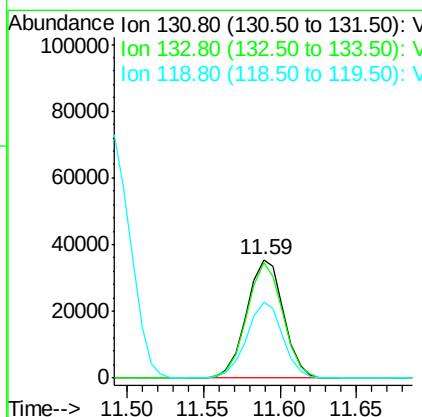
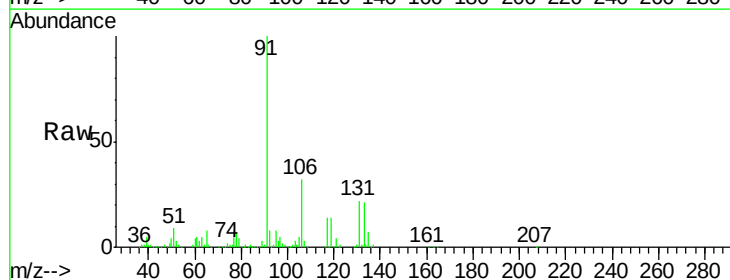
Manual Integrations
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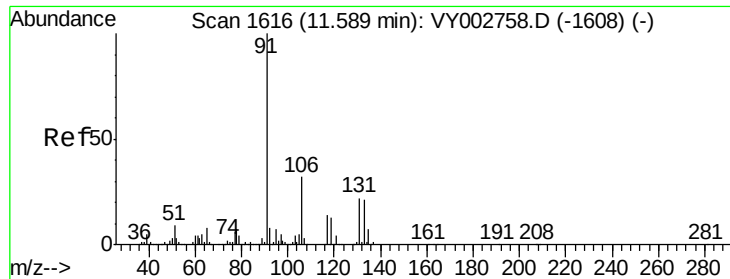
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.580 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.6	142.8
119	62.8	31.7	95.1





#67

Ethyl Benzene

Concen: 21.984 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 91 Resp: 266539

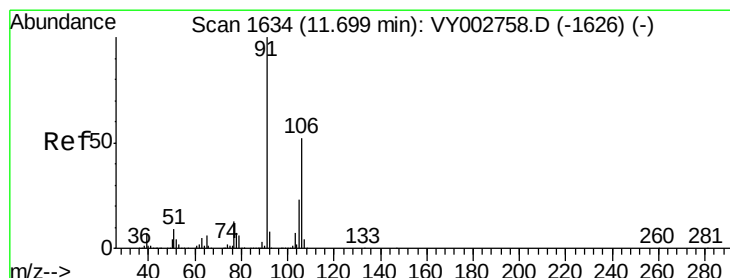
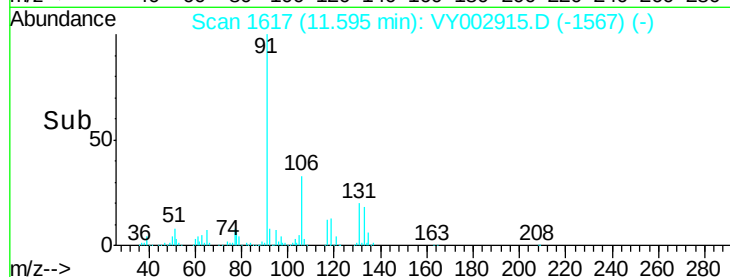
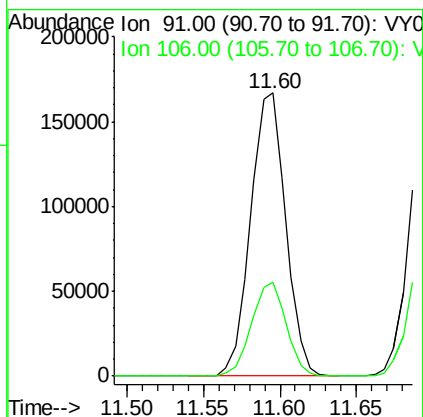
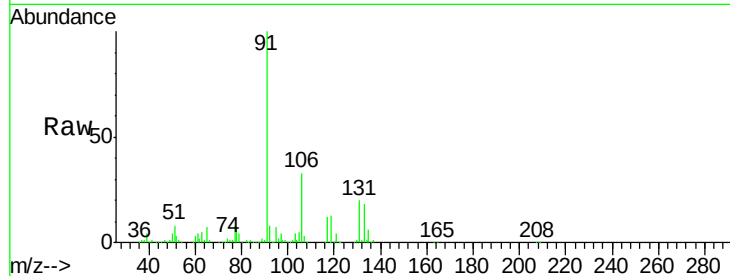
Ion Ratio Lower Upper

91 100

106 33.1 25.7 38.5

Manual Integrations
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6/19/2020 1:12:09 PM



#68

m/p-Xylenes

Concen: 43.940 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY002915.D

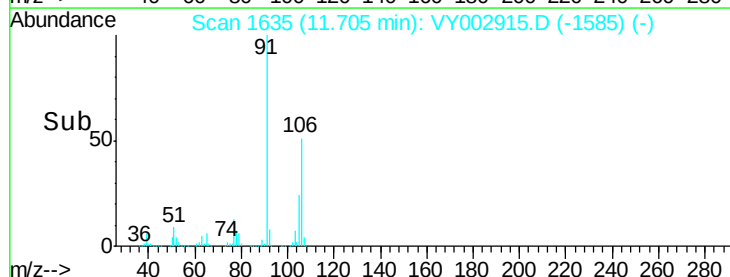
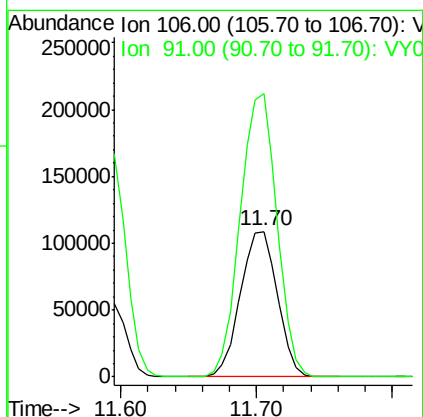
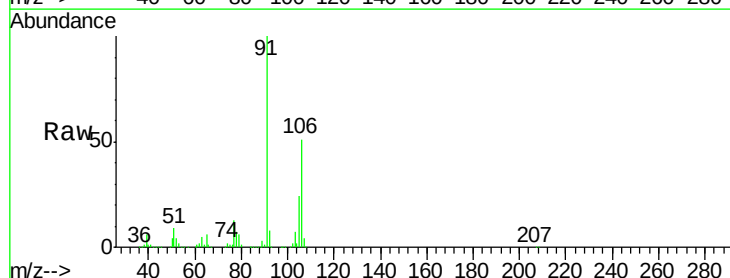
Acq: 18 Jun 2020 13:15

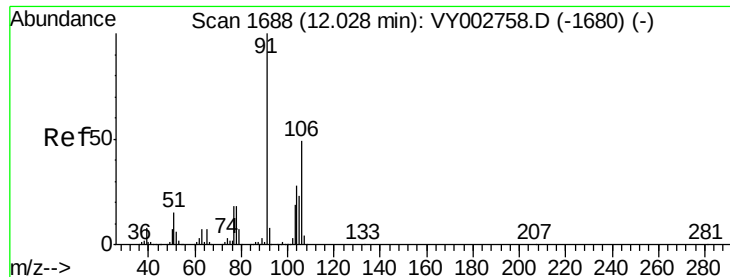
Tgt Ion: 106 Resp: 206554

Ion Ratio Lower Upper

106 100

91 193.3 156.0 234.0





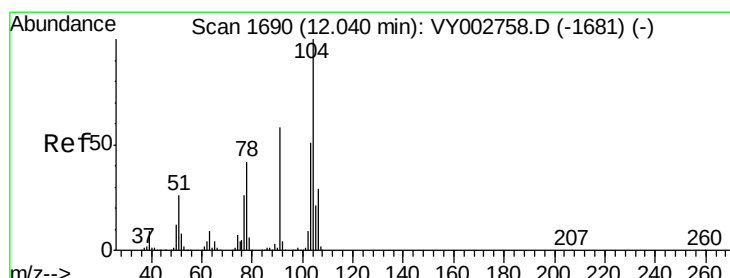
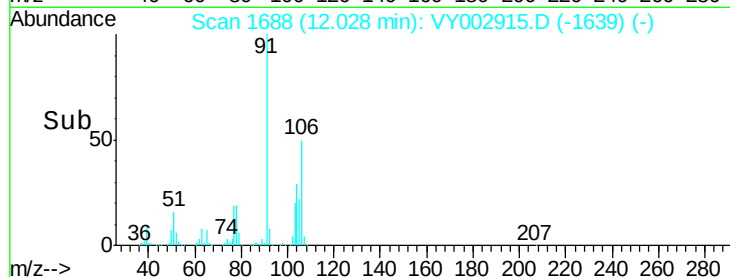
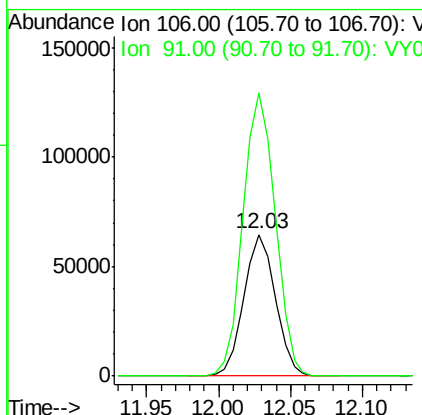
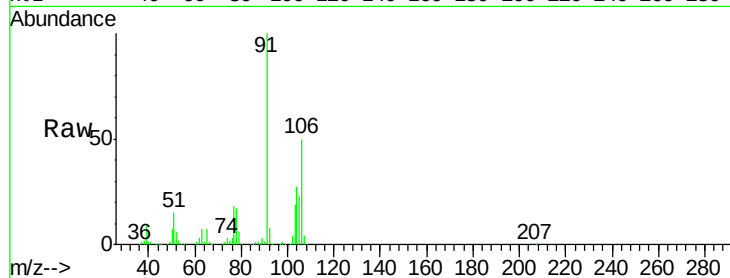
#69
o-Xylene
Concen: 22.088 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	204.3	102.4	307.1

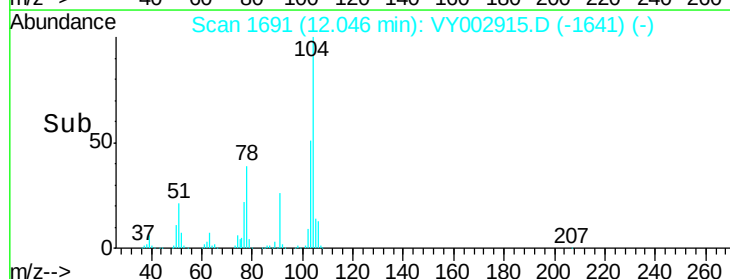
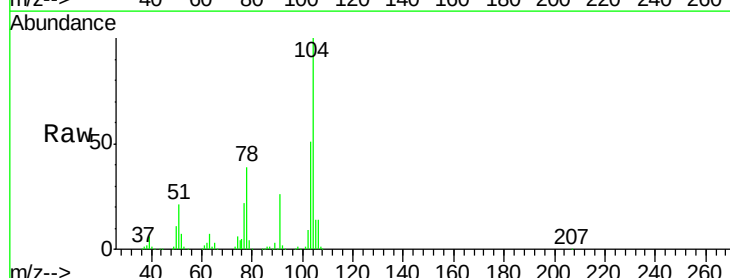
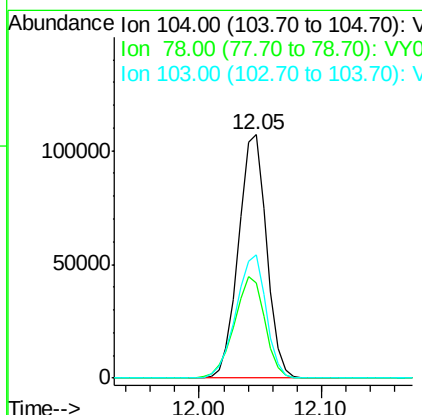
Manual Integrations
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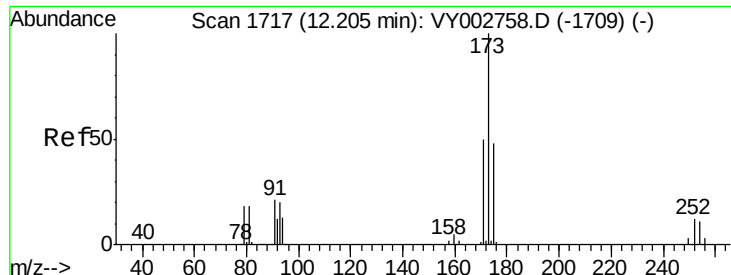
MMDadoda
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#70
Styrene
Concen: 22.059 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	45.3	36.2	54.4
103	103	54.4	43.6	65.4





#71

Bromoform

Concen: 22.397 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion:173 Resp: 39474

Ion Ratio Lower Upper

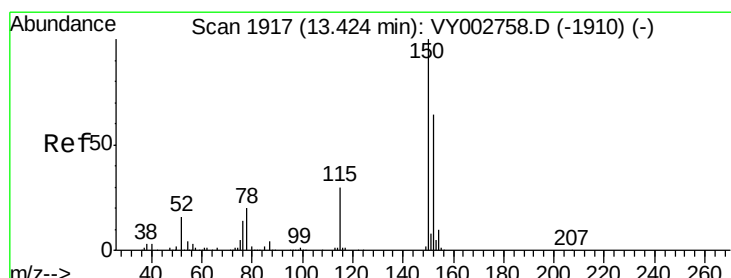
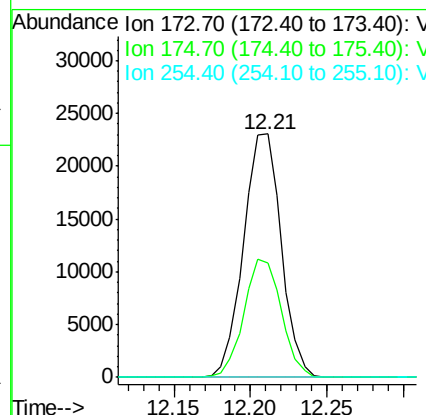
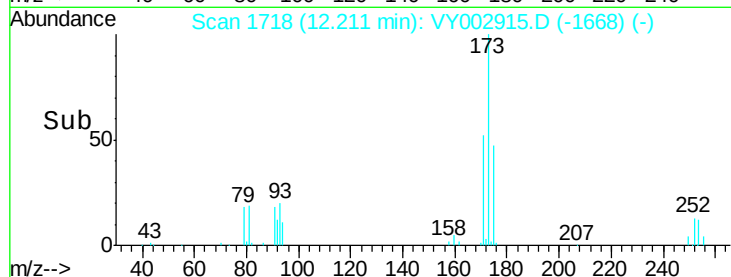
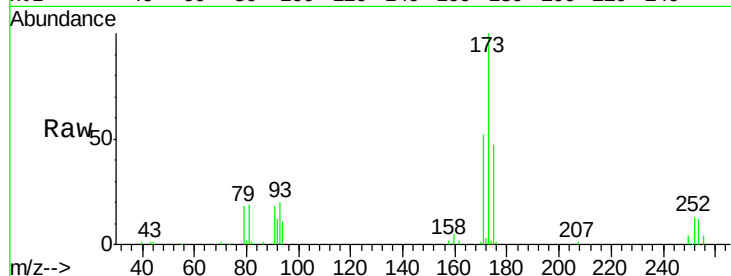
173 100

175 48.2 24.3 72.8

254 0.0 0.1 0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

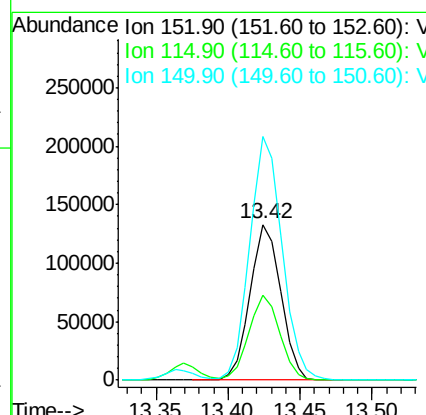
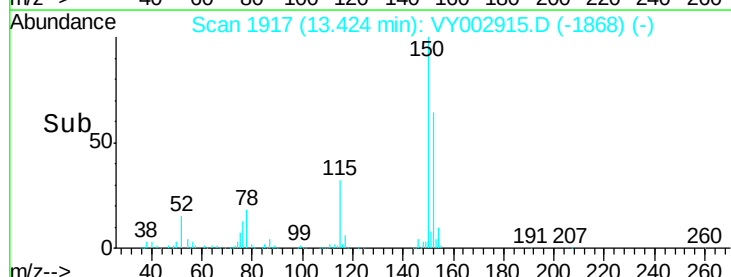
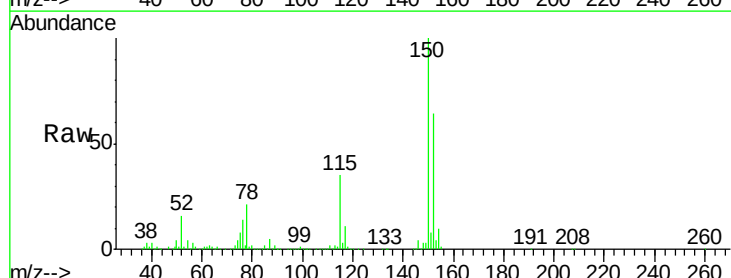
Tgt Ion:152 Resp: 197194

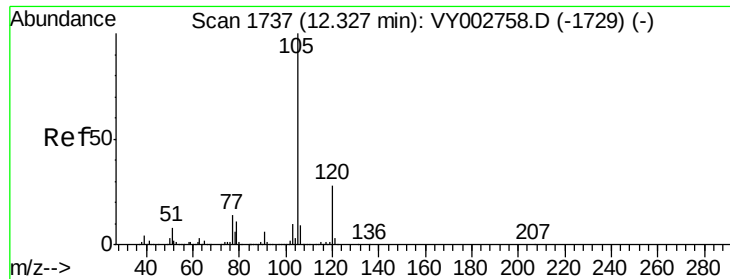
Ion Ratio Lower Upper

152 100

115 54.5 27.0 81.0

150 164.1 0.0 344.8





#73

Isopropylbenzene

Concen: 21.289 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion:105 Resp: 269026

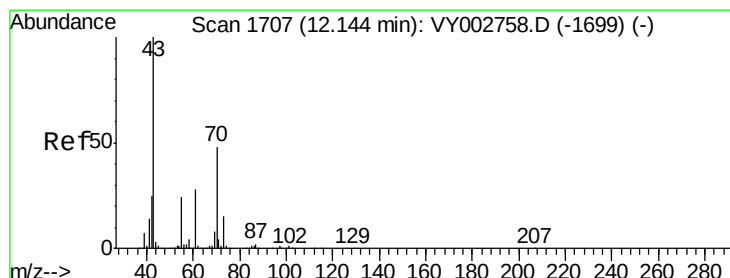
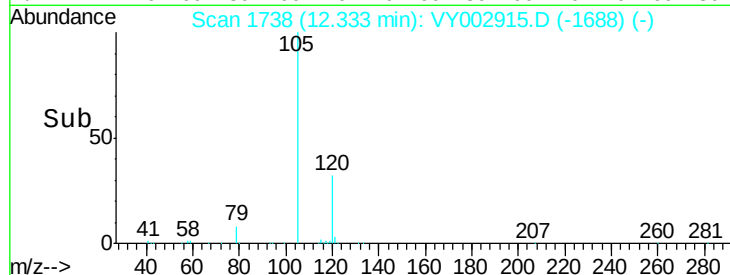
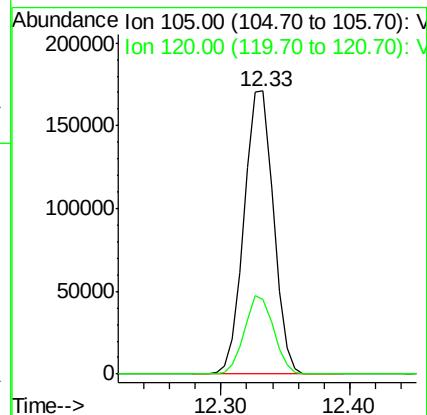
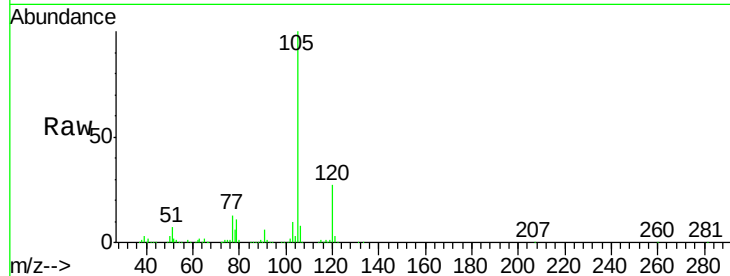
Ion Ratio Lower Upper

105 100

120 27.5 13.7 41.1

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#74

N-ethyl acetate

Concen: 20.295 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Tgt Ion: 43 Resp: 65804

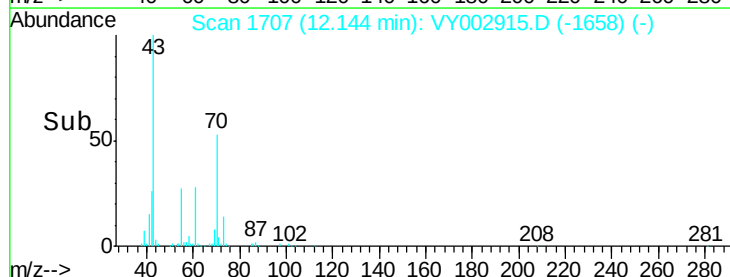
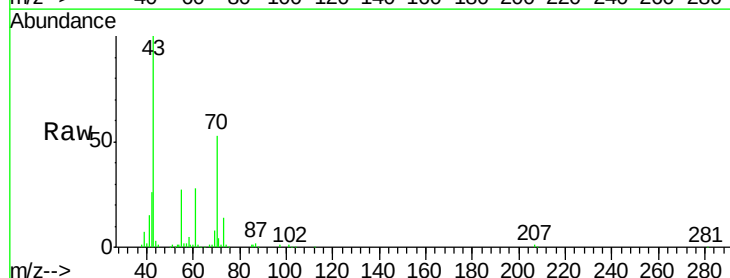
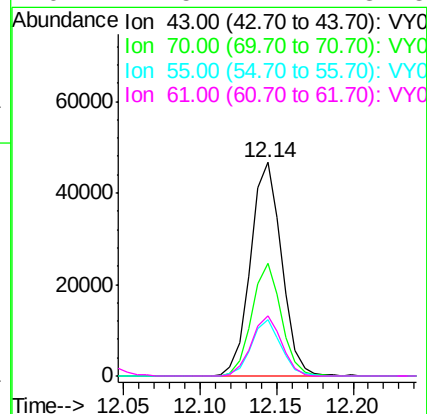
Ion Ratio Lower Upper

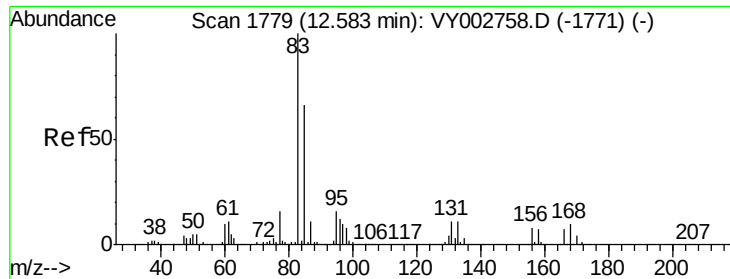
43 100

70 50.0 37.7 56.5

55 25.4 19.8 29.6

61 27.5 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 22.259 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

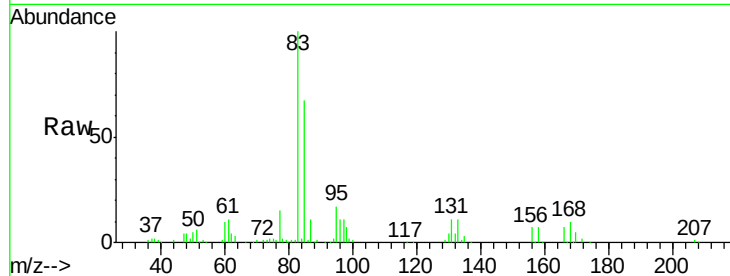
ClientSampleId :

VY0618SBS01

Tot Ion:	83	Resp:	49354
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.8	17.4
85	63.4	32.6	98.0

Manual Integrations
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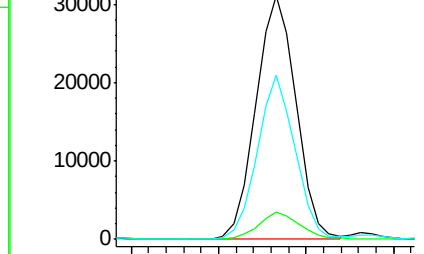
MMDadoda
6/19/2020 1:12:09 PM



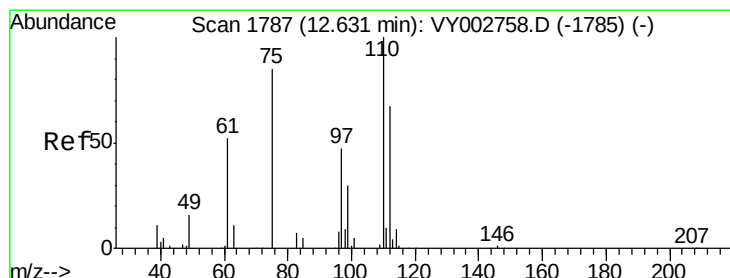
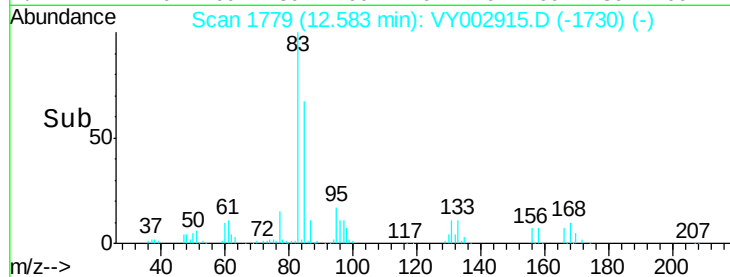
Abundance Ion 82.90 (82.60 to 83.60): VY002915.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002915.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002915.D (-1730) (-)



Time--> 12.50 12.55 12.60



#76

1,2,3-Trichloropropane

Concen: 21.881 ug/l m

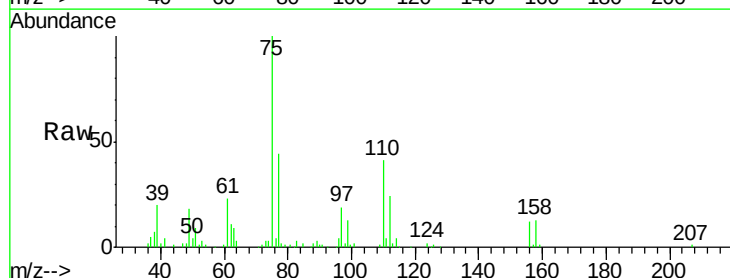
RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002915.D

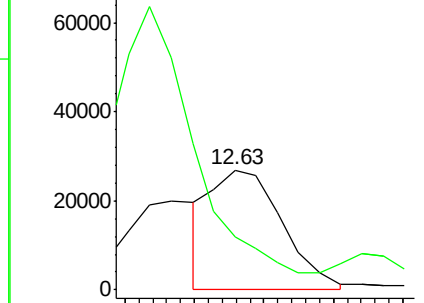
Acq: 18 Jun 2020 13:15

Tgt Ion:	75	Resp:	38879
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

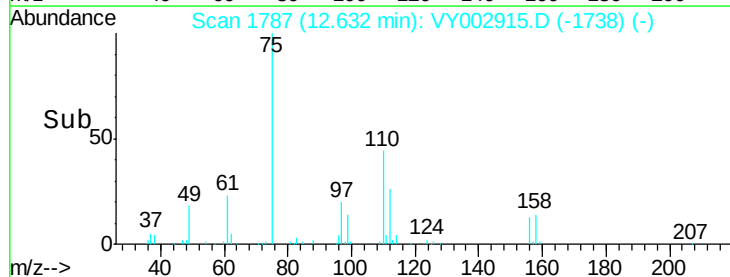


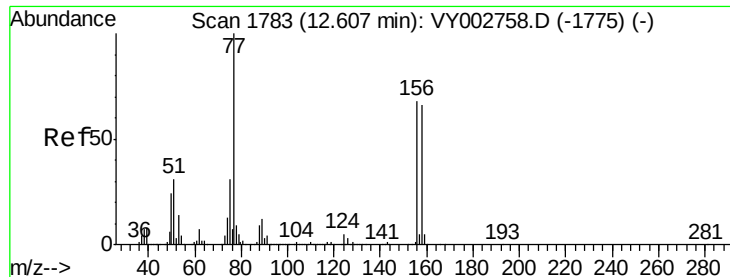
Abundance Ion 74.90 (74.60 to 75.60): VY002915.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002915.D (-1738) (-)



Time--> 12.60 12.62 12.64 12.66





#77

Bromobenzene

Concen: 21.098 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

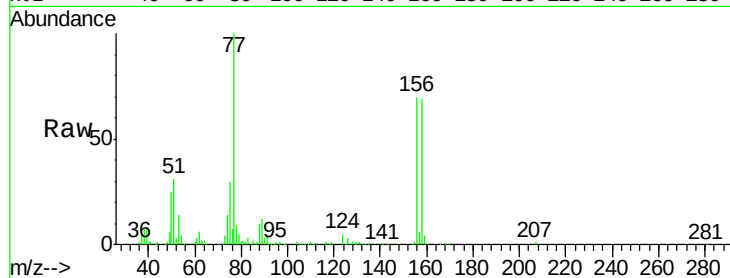
ClientSampleId :

VY0618SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	160.6	81.4	244.2
158	98.8	48.5	145.6

Manual Integrations
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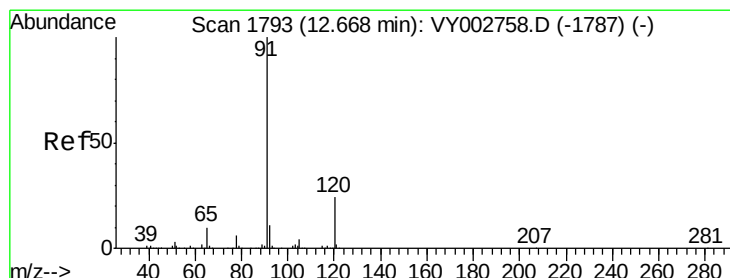
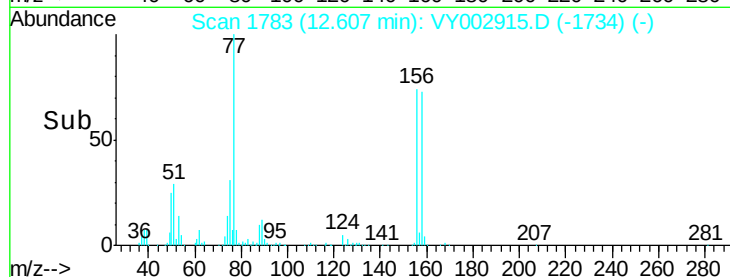
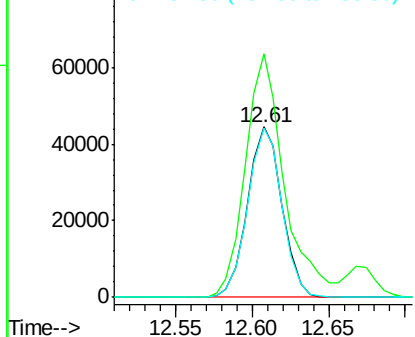
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.404 ug/l

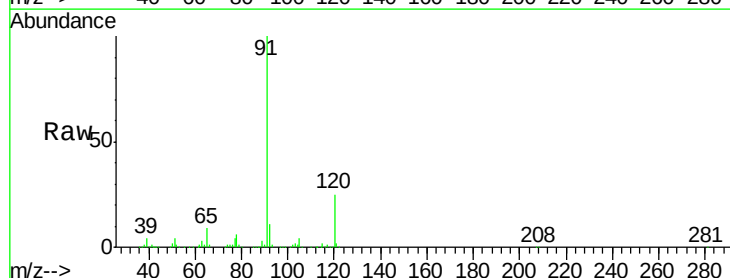
RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002915.D

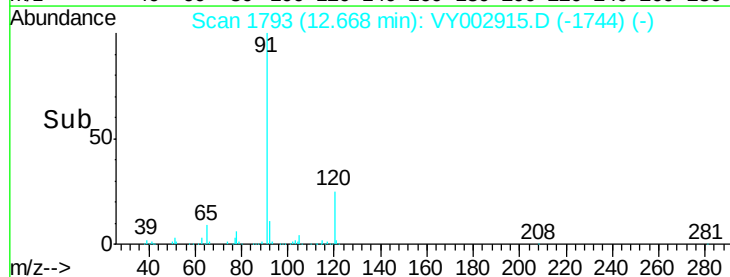
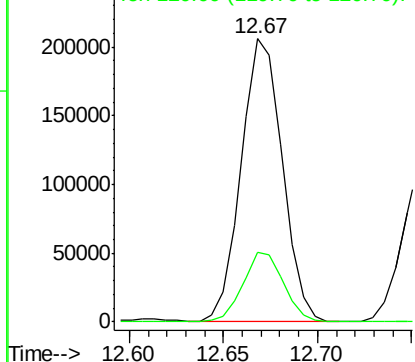
Acq: 18 Jun 2020 13:15

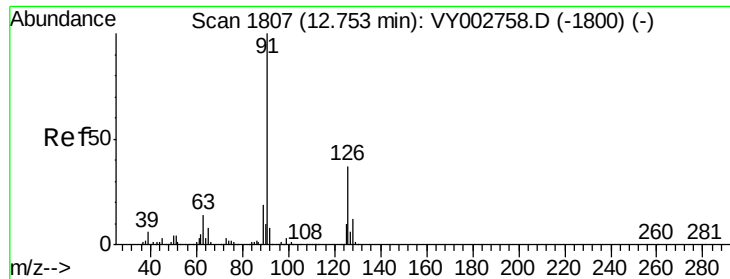
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	12.3	36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





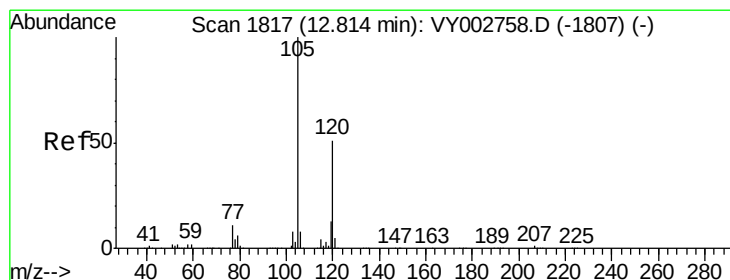
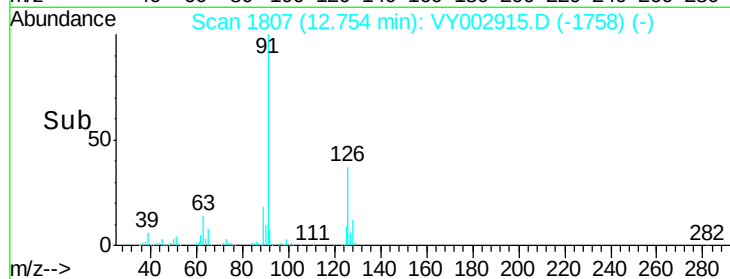
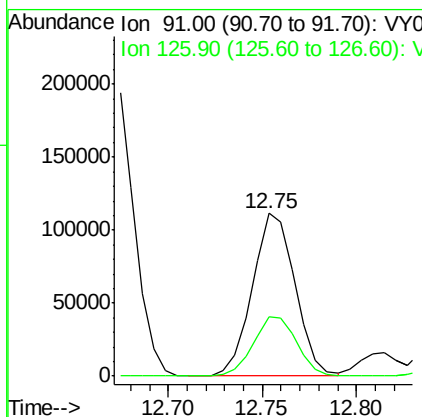
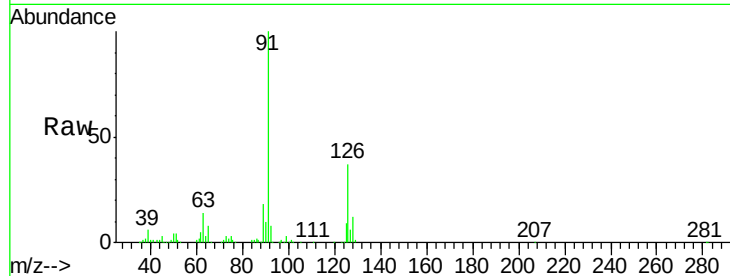
#79
 2-Chlorotoluene
 Concen: 21.373 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion: 91 Resp: 175011
 Ion Ratio Lower Upper
 91 100
 126 37.3 18.4 55.4

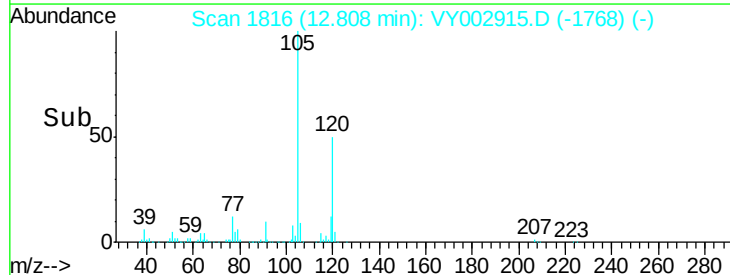
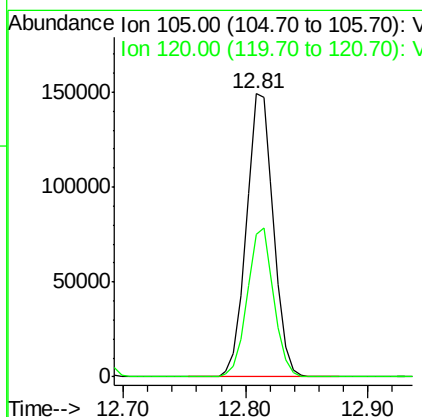
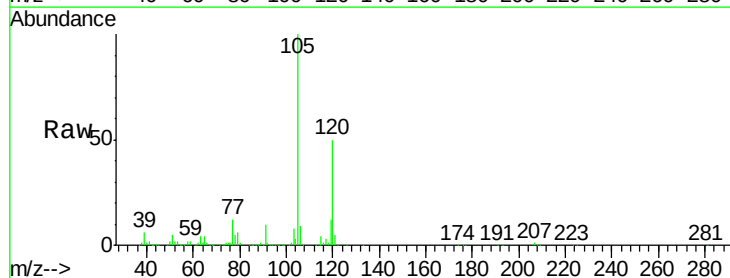
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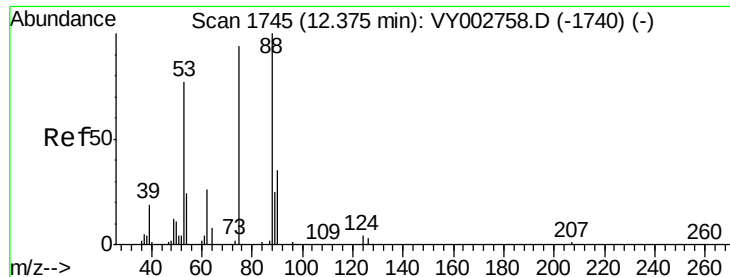
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.634 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Tgt Ion: 105 Resp: 228264
 Ion Ratio Lower Upper
 105 100
 120 51.4 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.584 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

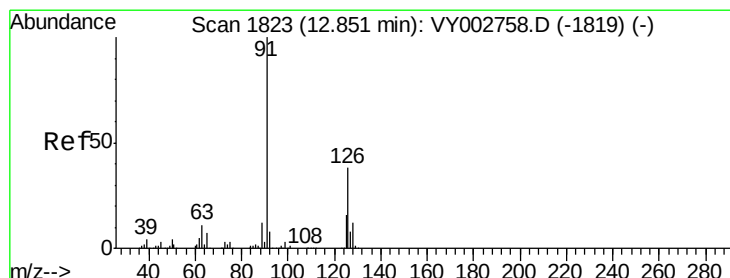
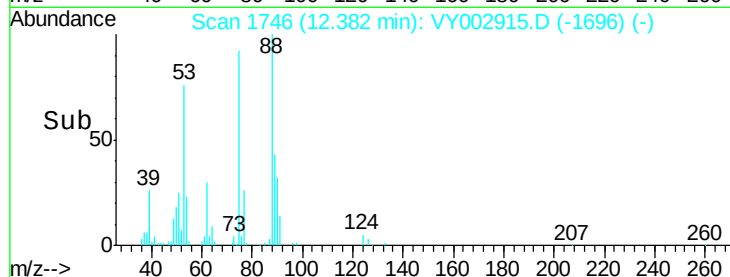
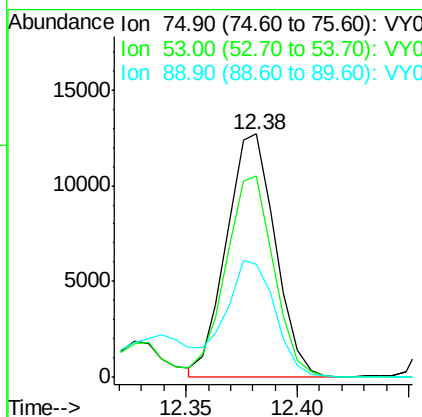
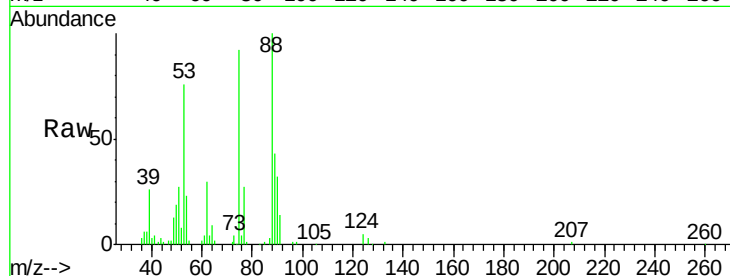
ClientSampleId :

VY0618SBS01

Tot Ion:	75	Resp:	19413
Ion	Ratio	Lower	Upper
75	100		
53	81.0	64.0	96.0
89	47.8	37.4	56.2

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#82

4-Chlorotoluene

Concen: 21.373 ug/l

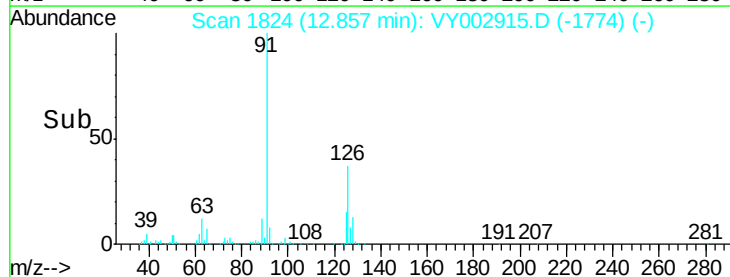
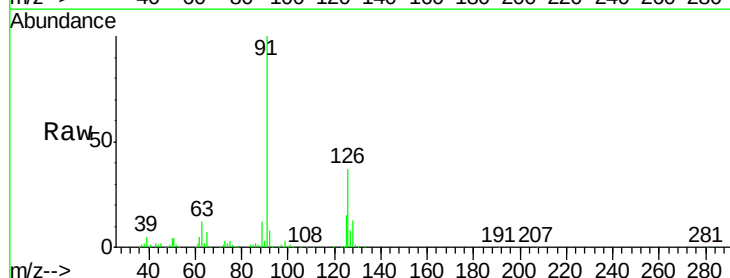
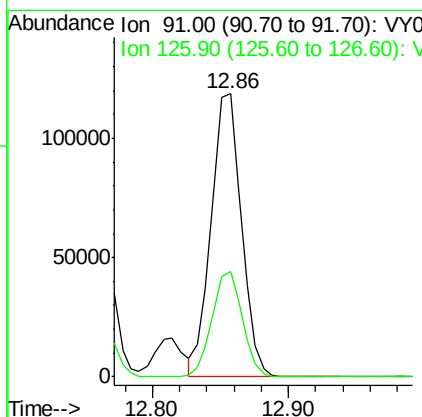
RT: 12.86 min Scan# 1824

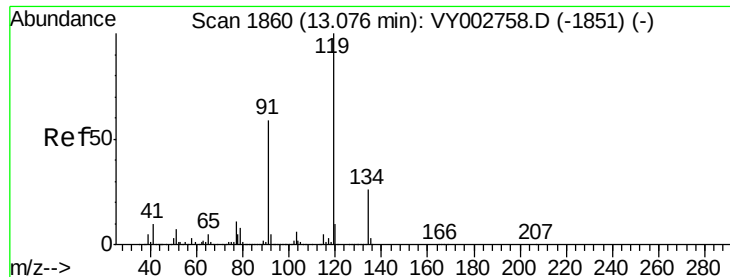
Delta R.T. 0.01 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Tgt Ion:	91	Resp:	183357
Ion	Ratio	Lower	Upper
91	100		
126	37.3	18.5	55.5





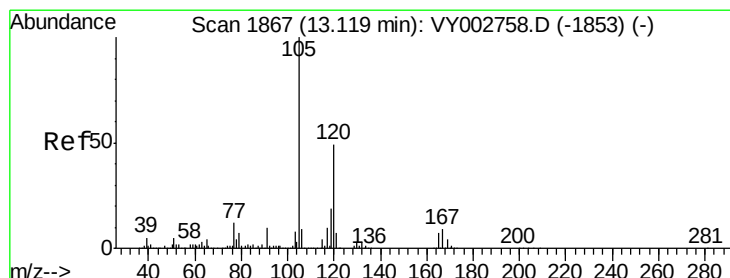
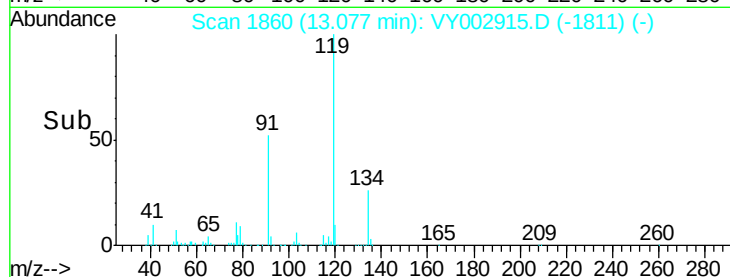
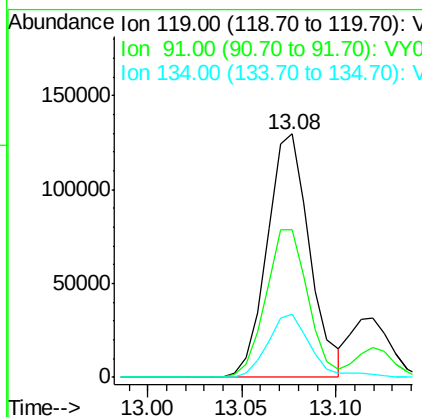
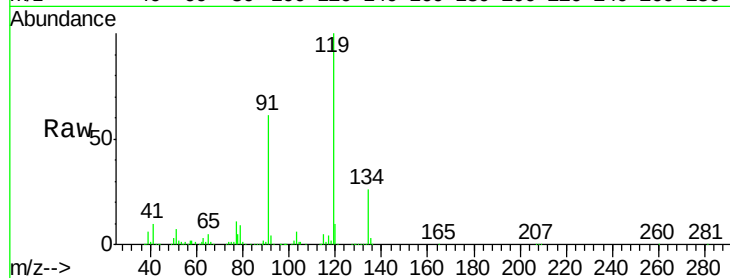
#83
 tert-Butylbenzene
 Concen: 21.592 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.0	29.8	89.4
134	26.6	13.3	39.8

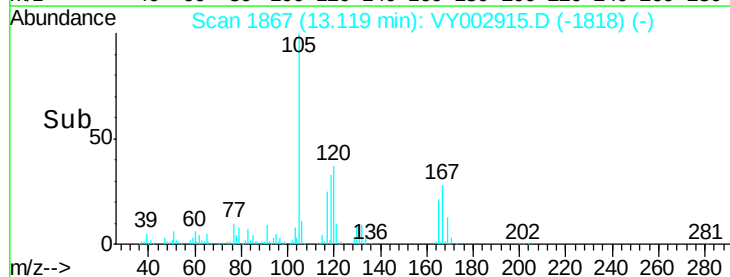
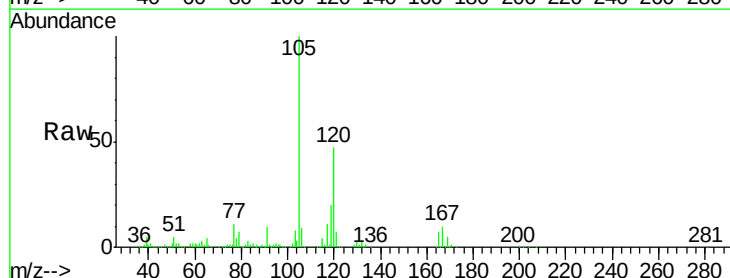
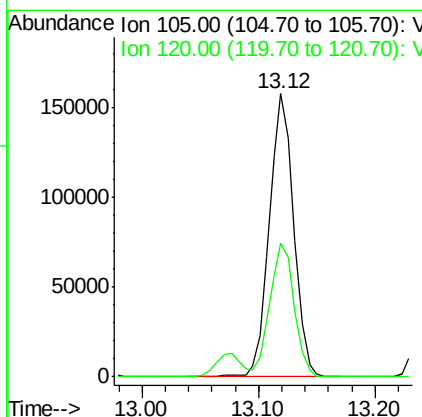
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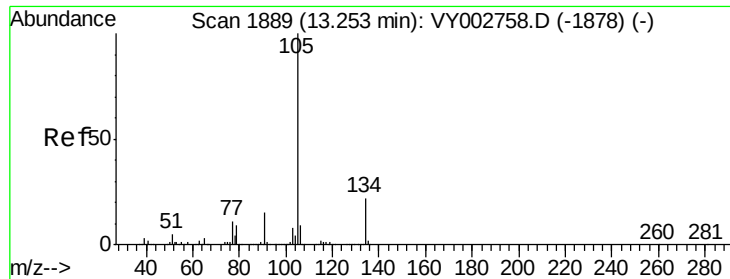
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.663 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.6	70.8





#85

sec-Butylbenzene

Concen: 21.714 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion:105 Resp: 279435

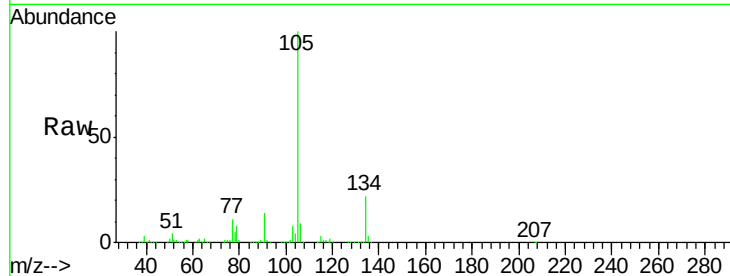
Ion Ratio Lower Upper

105 100

134 21.7 10.8 32.4

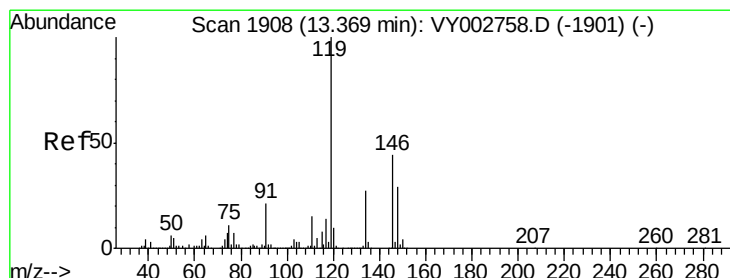
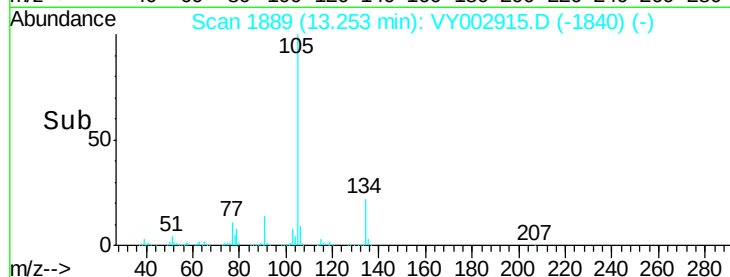
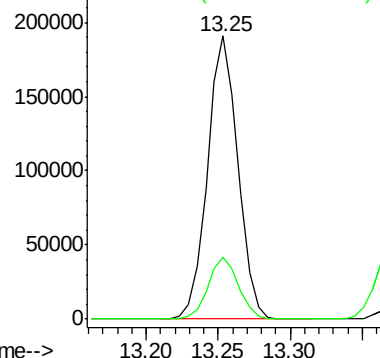
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.727 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

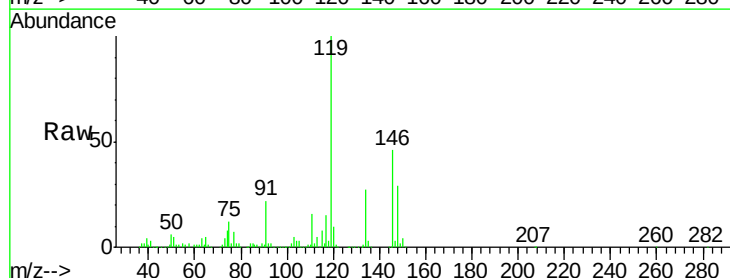
Tgt Ion:119 Resp: 260167

Ion Ratio Lower Upper

119 100

134 27.8 13.7 41.0

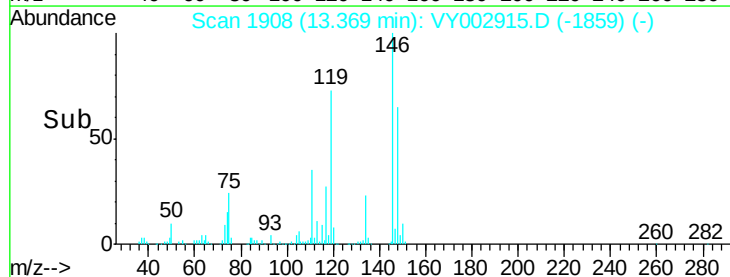
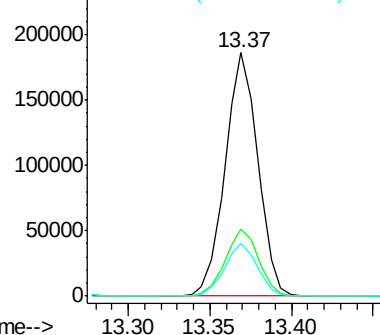
91 21.7 10.8 32.4

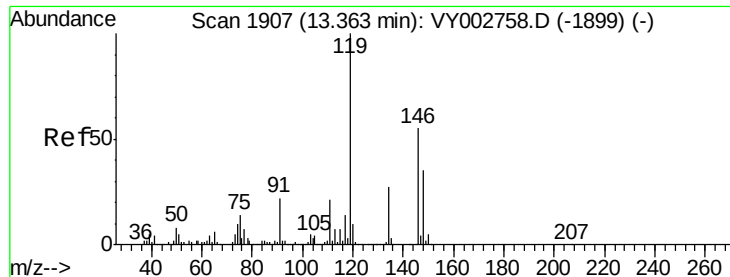


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





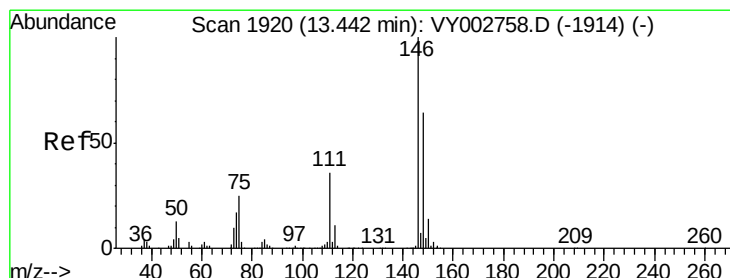
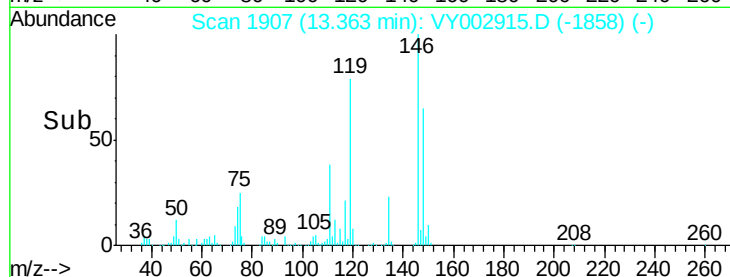
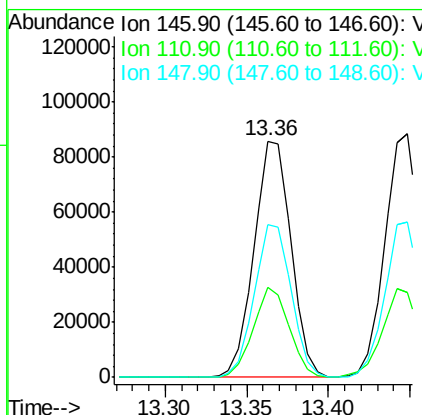
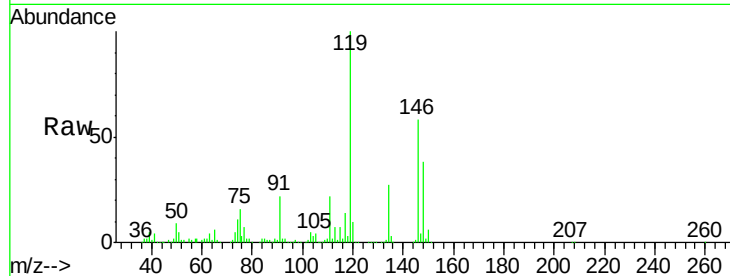
#87
 1,3-Dichlorobenzene
 Concen: 21.769 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.4	55.0
148	64.6	31.9	95.7

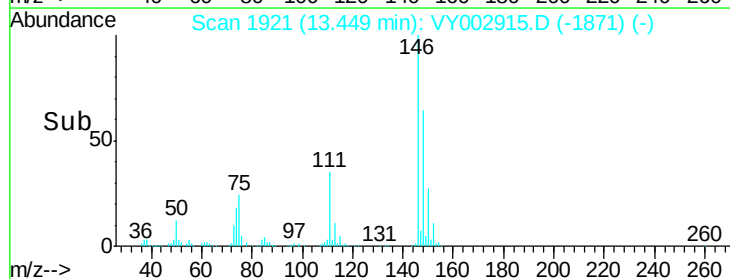
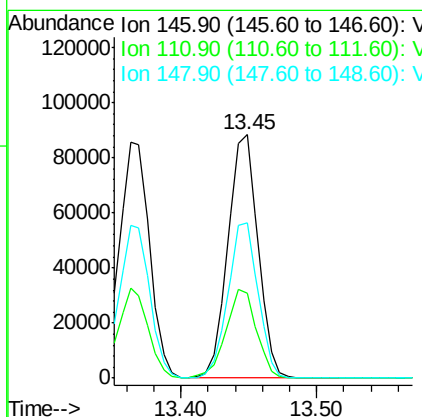
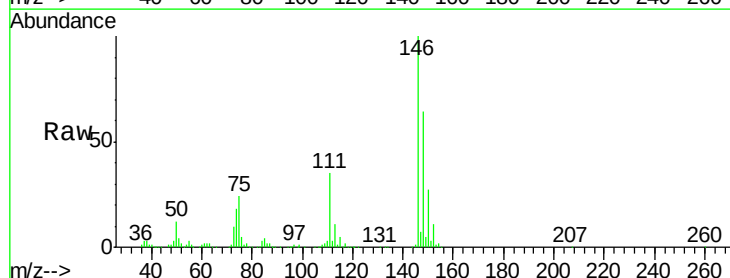
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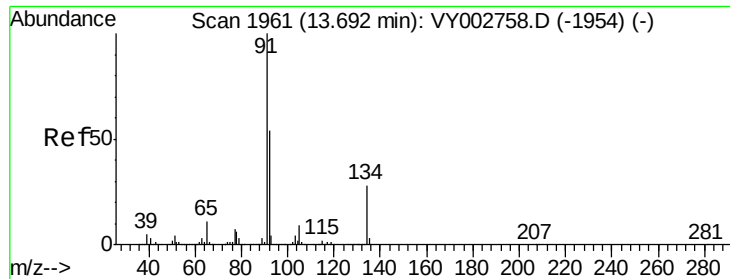
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#88
 1,4-Dichlorobenzene
 Concen: 21.761 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.3
148	64.1	32.1	96.3





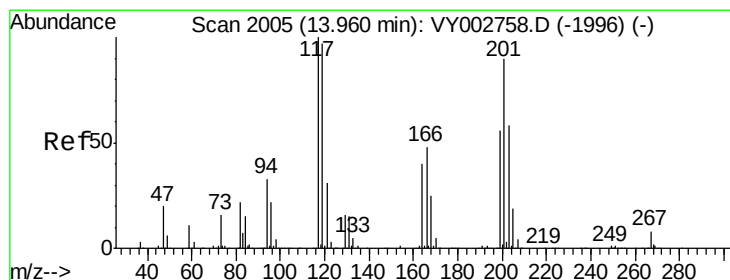
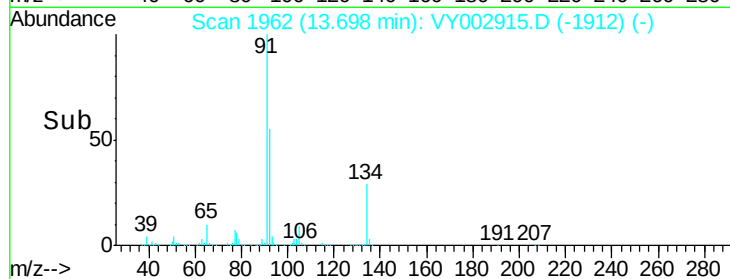
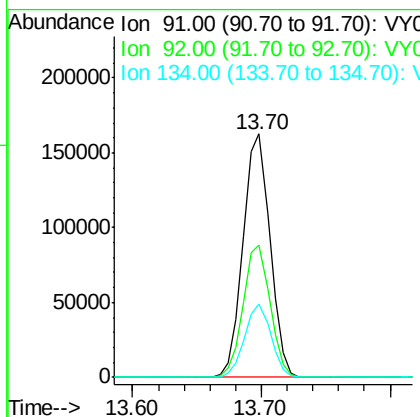
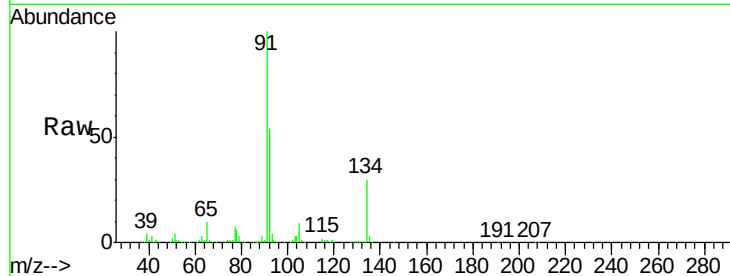
#89
n-Butylbenzene
Concen: 21.596 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.1	81.2
134	29.3	14.3	42.9

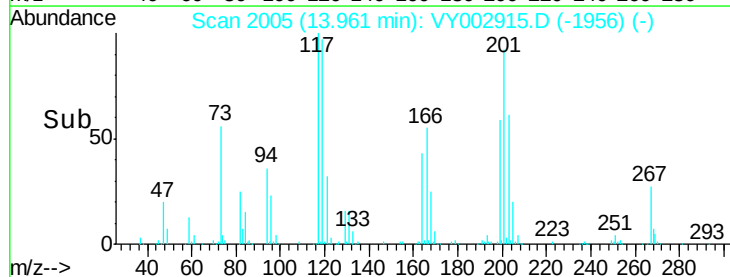
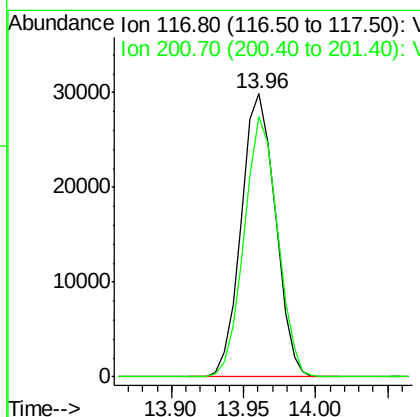
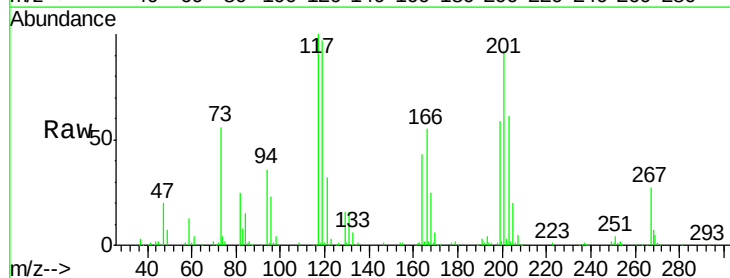
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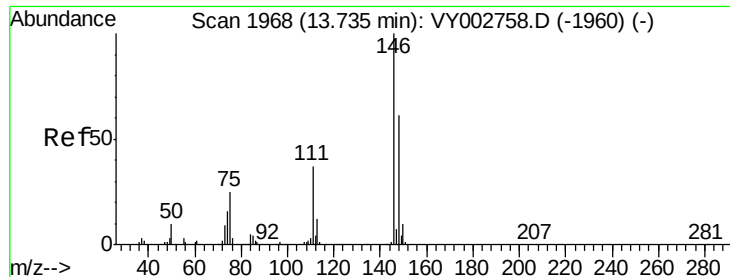
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#90
Hexachloroethane
Concen: 21.875 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.0	43.9	131.6





#91

1,2-Dichlorobenzene

Concen: 21.852 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

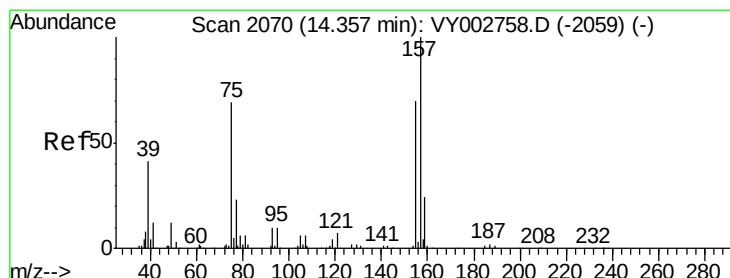
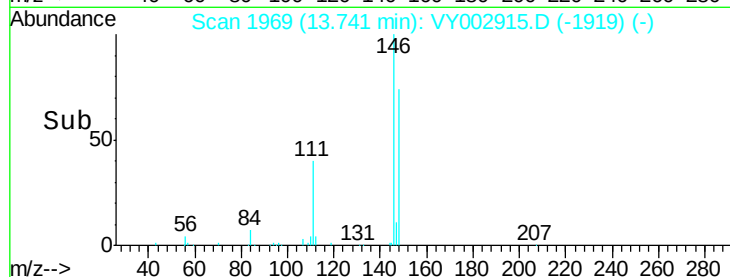
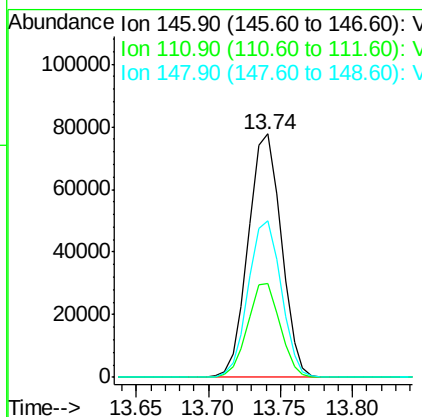
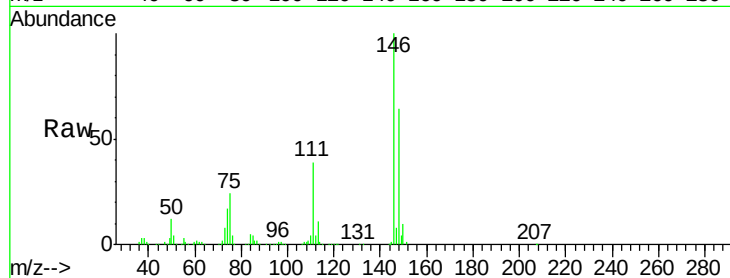
ClientSampleId :

VY0618SBS01

Tot Ion:	146	Resp:	123519
Ion Ratio		Lower	Upper
146	100		
111	38.1	18.9	56.9
148	64.1	31.9	95.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 21.065 ug/l

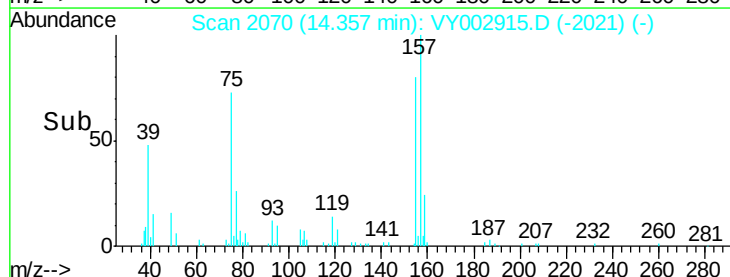
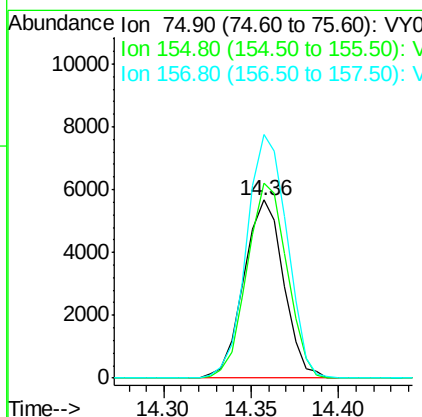
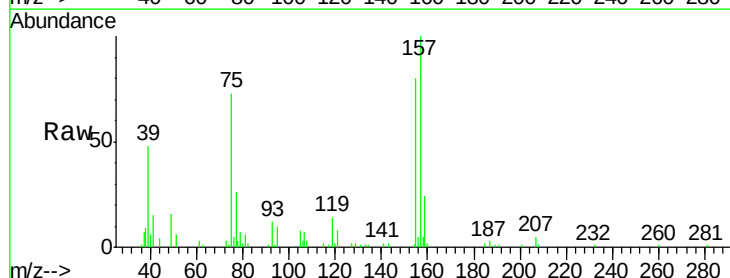
RT: 14.36 min Scan# 2070

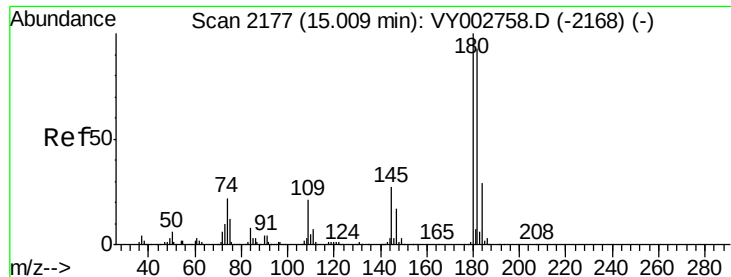
Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Tgt Ion:	75	Resp:	8986
Ion Ratio		Lower	Upper
75	100		
155	109.6	53.5	160.5
157	138.8	69.9	209.7





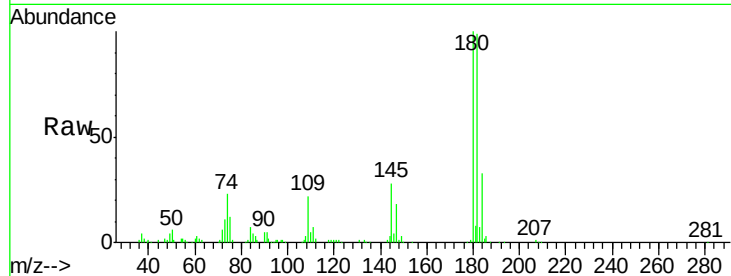
#93
 1,2,4-Trichlorobenzene
 Concen: 21.584 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

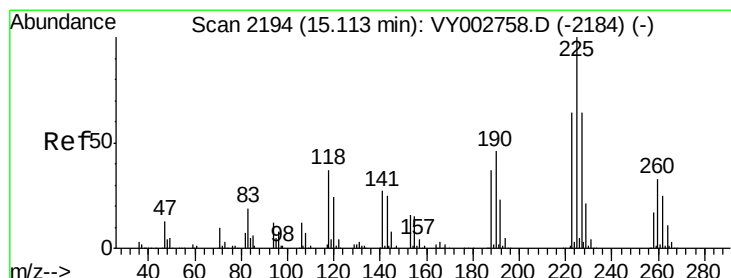
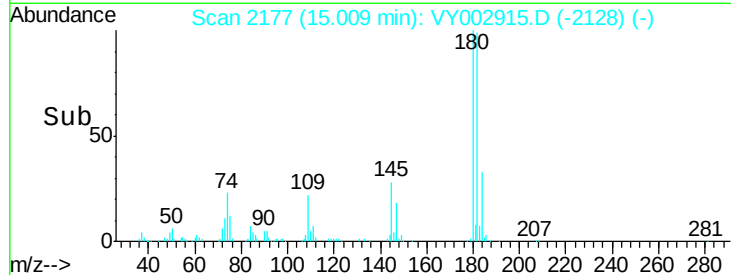
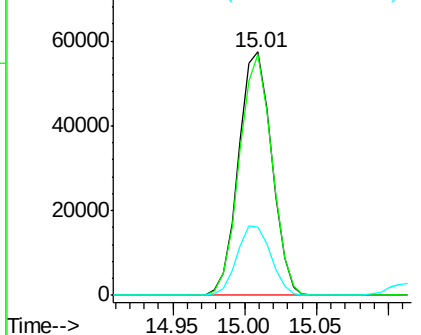
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.3	141.9
145	29.2	14.1	42.3

Manual Integrations
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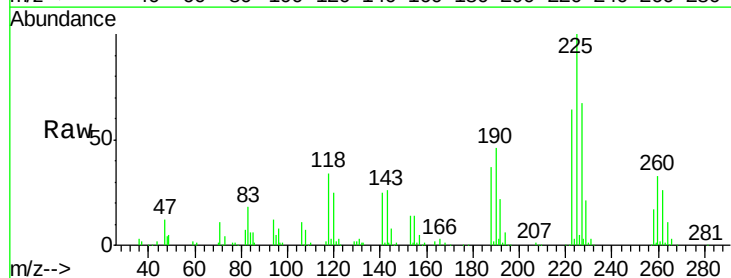


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

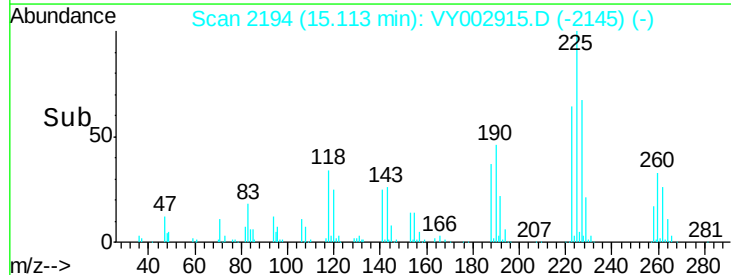
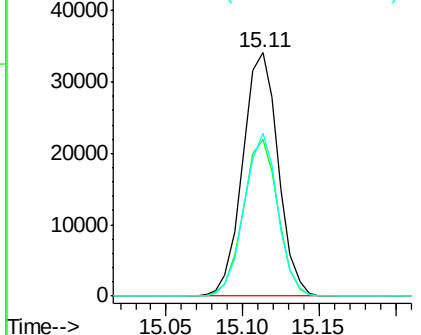


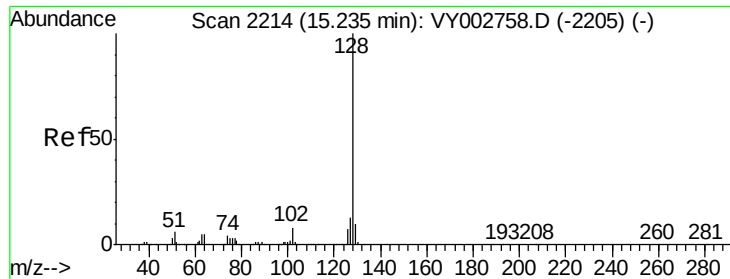
#94
 Hexachlorobutadiene
 Concen: 22.730 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.6	95.0
227	63.1	32.3	96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





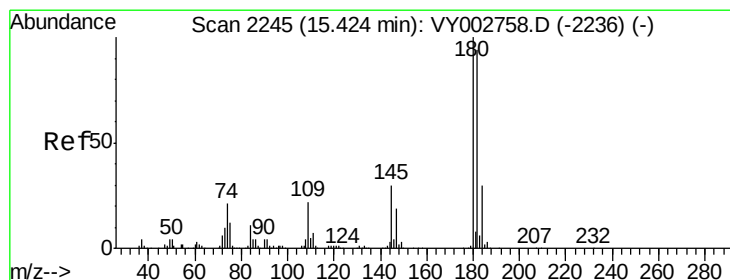
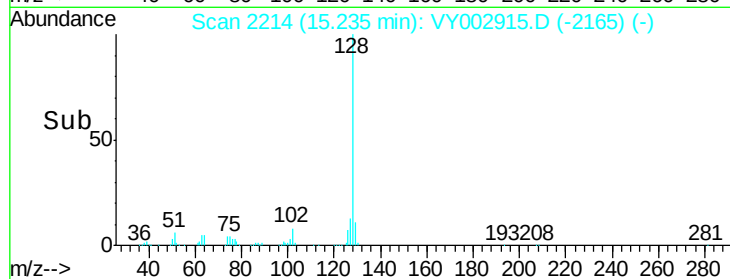
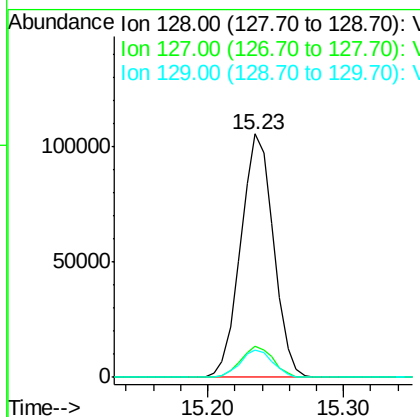
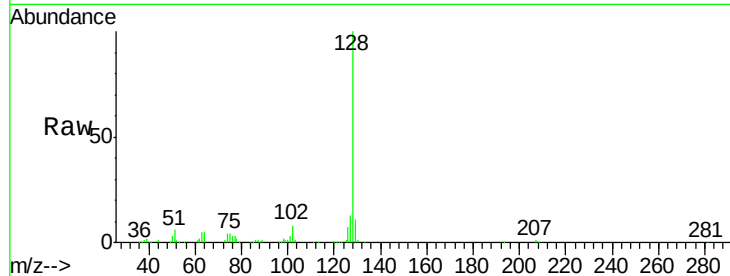
#95
Naphthalene
Concen: 20.843 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/19/2020 1:12:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.970 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.1	144.4
145	30.0	15.1	45.3

