

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002916.D
 Acq On : 18 Jun 2020 13:38
 Operator : SY/MD
 Sample : VY0618SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Manual Integrations
 APPROVED

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 6/19/2020 1:12:11 PM

Quant Time: Jun 19 05:25:54 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	252735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	372818	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	349924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	194698	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	109860	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
35) Dibromofluoromethane	7.72	113	111177	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	10.18	98	429347	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
62) 4-Bromofluorobenzene	12.48	95	155348	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	34672	19.938	ug/l	99
3) Chloromethane	2.12	50	41326	21.484	ug/l	98
4) Vinyl Chloride	2.26	62	42612	20.959	ug/l	97
5) Bromomethane	2.65	94	33533	22.009	ug/l	99
6) Chloroethane	2.79	64	29483	22.370	ug/l	99
7) Trichlorofluoromethane	3.13	101	82821	23.001	ug/l	93
8) Diethyl Ether	3.54	74	30290	21.543	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	49822	23.304	ug/l	97
10) Methyl Iodide	4.10	142	64241	21.474	ug/l	100
11) Tert butyl alcohol	4.97	59	31486	127.225	ug/l	96
12) 1,1-Dichloroethene	3.88	96	48462	22.540	ug/l	96
13) Acrolein	3.74	56	17265	67.136	ug/l	98
14) Allyl chloride	4.49	41	68855	22.329	ug/l	99
15) Acrylonitrile	5.17	53	75118	118.426	ug/l	100
16) Acetone	3.96	43	60541	117.654	ug/l	97
17) Carbon Disulfide	4.20	76	131664	20.265	ug/l	100
18) Methyl Acetate	4.49	43	35042	26.688	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	140741	23.711	ug/l	95
20) Methylene Chloride	4.72	84	73244	29.127	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	54229	22.428	ug/l	97
22) Diisopropyl ether	6.13	45	148673	23.201	ug/l	93
23) Vinyl Acetate	6.07	43	482646	114.081	ug/l	99
24) 1,1-Dichloroethane	6.03	63	86571	23.095	ug/l	99
25) 2-Butanone	7.00	43	94053	117.317	ug/l	99
26) 2,2-Dichloropropane	6.99	77	83970	23.357	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	62460	23.075	ug/l	99
28) Bromochloromethane	7.34	49	36546	23.749	ug/l	99
29) Tetrahydrofuran	7.36	42	60271	115.578	ug/l	99
30) Chloroform	7.52	83	94675	23.801	ug/l	96
31) Cyclohexane	7.79	56	80341	21.587	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	87368	23.570	ug/l	100
36) 1,1-Dichloropropene	7.93	75	70848	22.559	ug/l	98
37) Ethyl Acetate	7.08	43	40714	23.828	ug/l	99
38) Carbon Tetrachloride	7.91	117	81917	23.480	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	89916	21.721	ug/l	98
40) Benzene	8.17	78	211754	22.819	ug/l	99
41) Methacrylonitrile	7.32	41	19905m	21.684	ug/l	
42) 1,2-Dichloroethane	8.24	62	61690	23.721	ug/l	100
43) Isopropyl Acetate	8.28	43	76698	23.687	ug/l	100
44) Trichloroethene	8.94	130	66898	22.823	ug/l	95
45) 1,2-Dichloropropane	9.22	63	52138	23.429	ug/l	100
46) Dibromomethane	9.31	93	31211	23.616	ug/l	99
47) Bromodichloromethane	9.50	83	74086	23.779	ug/l #	98
48) Methyl methacrylate	9.30	41	34328	23.485	ug/l	99
49) 1,4-Dioxane	9.31	88	8956	441.338	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	202936	118.359	ug/l	99
52) Toluene	10.25	92	138188	22.764	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	79288	23.299	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	88789	23.026	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	47909	23.678	ug/l	94
56) Ethyl methacrylate	10.51	69	63114	23.289	ug/l	99
57) 1,3-Dichloropropane	10.79	76	78193	23.496	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	155578	117.487	ug/l	100
59) 2-Hexanone	10.83	43	144664	118.914	ug/l	99
60) Dibromochloromethane	10.99	129	61569	24.001	ug/l	99
61) 1,2-Dibromoethane	11.09	107	46194	23.144	ug/l	100
64) Tetrachloroethene	10.72	164	71059	22.343	ug/l	98
65) Chlorobenzene	11.52	112	160274	23.174	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	61624	23.658	ug/l	100
67) Ethyl Benzene	11.59	91	276055	23.023	ug/l	100
68) m/p-Xylenes	11.70	106	215150	46.281	ug/l	99
69) o-Xylene	12.03	106	102384	23.329	ug/l	99
70) Styrene	12.04	104	178295	23.436	ug/l	100
71) Bromoform	12.21	173	42496	24.382	ug/l #	100
73) Isopropylbenzene	12.33	105	279659	22.414	ug/l	99
74) N-amyl acetate	12.14	43	72659	22.696	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	53229	24.315	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	40556m	23.117	ug/l	
77) Bromobenzene	12.61	156	73911	22.750	ug/l	98
78) n-propylbenzene	12.67	91	323990	22.480	ug/l	100
79) 2-Chlorotoluene	12.75	91	182236	22.541	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	236850	22.735	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	20855	22.396	ug/l	95
82) 4-Chlorotoluene	12.86	91	194414	22.952	ug/l	100
83) tert-Butylbenzene	13.08	119	214282	23.059	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	241439	23.049	ug/l	98
85) sec-Butylbenzene	13.25	105	291678	22.956	ug/l	99
86) p-Isopropyltoluene	13.37	119	274861	23.248	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	142128	23.095	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	142310	23.117	ug/l	99
89) n-Butylbenzene	13.70	91	247181	23.028	ug/l	99
90) Hexachloroethane	13.96	117	52408	23.678	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	130822	23.440	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10210	24.241	ug/l	96

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBSD01

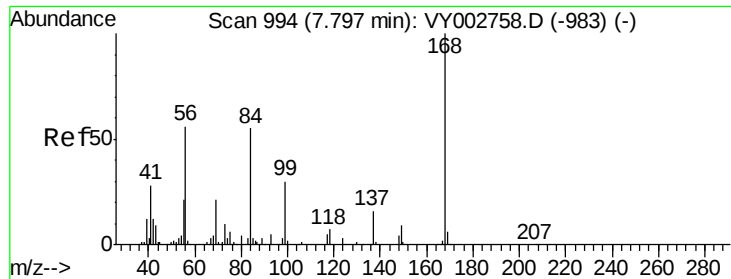
Manual Integrations
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6/19/2020 1:12:11 PM

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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	99590	23.674	ug/l	99
94) Hexachlorobutadiene	15.11	225	57723	24.193	ug/l	99
95) Naphthalene	15.23	128	198418	23.524	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	89556	23.840	ug/l	99

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



#1

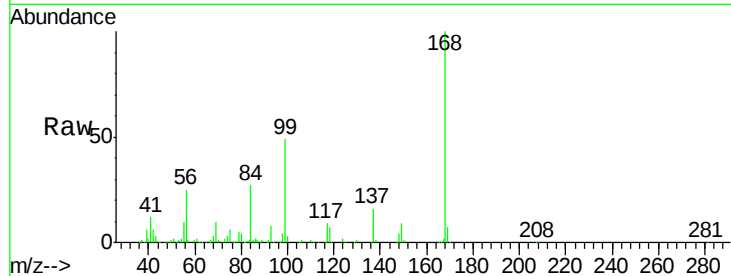
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

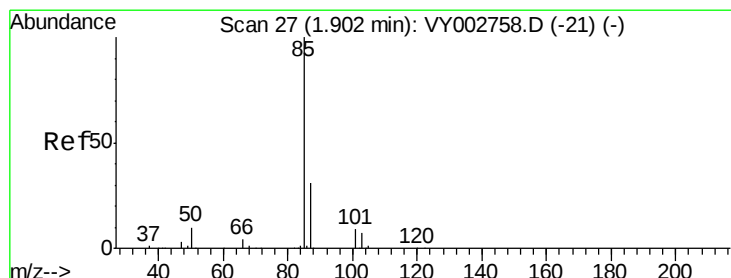
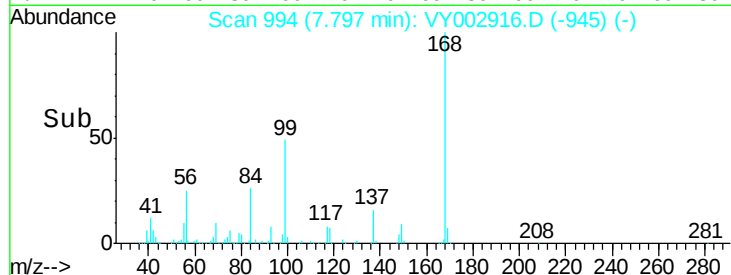
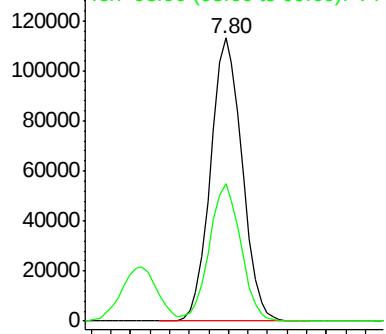
Tot Ion	Ratio	Lower	Upper
168	100		
99	48.6	39.0	58.4

Manual Integrations
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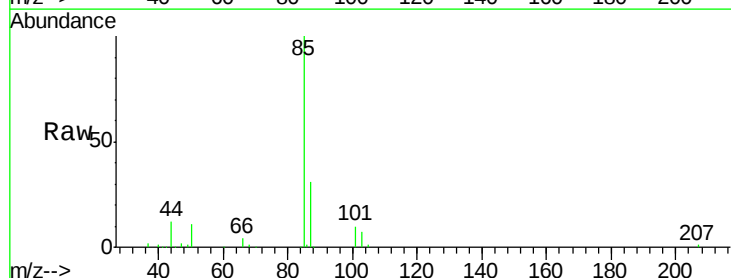
Abundance Ion 167.90 (167.60 to 168.60): VY002916.D (-945) (-)



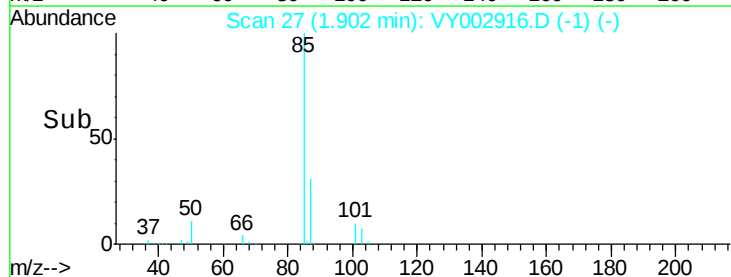
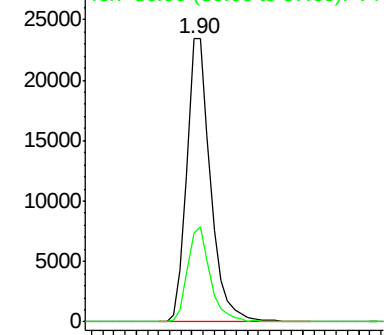
#2

Dichlorodifluoromethane
 Concen: 19.938 ug/l
 RT: 1.90 min Scan# 27
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.4	15.5	46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002916.D (-1) (-)





#3

Chloromethane

Concen: 21.484 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 50 Resp: 41326

Ion Ratio Lower Upper

50 100

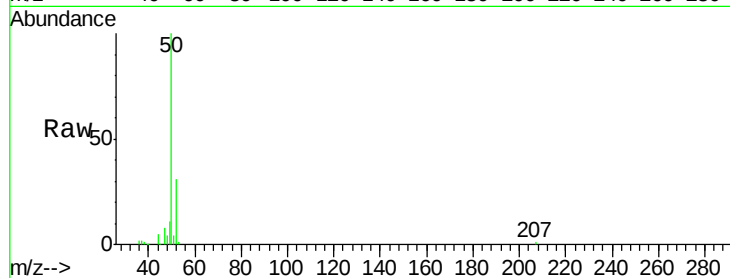
52 31.1 25.8 38.6

Manual Integrations

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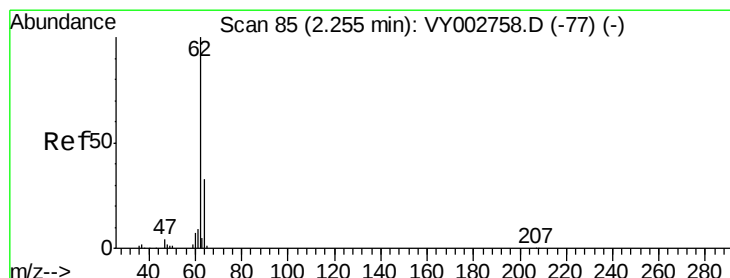
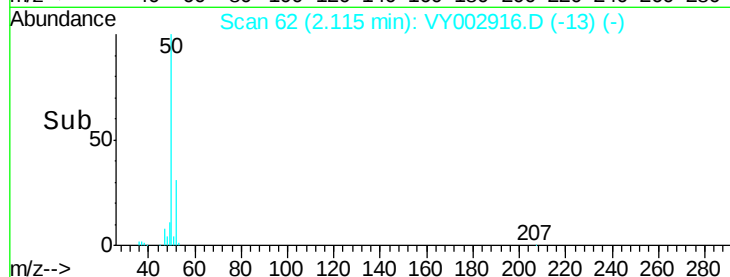
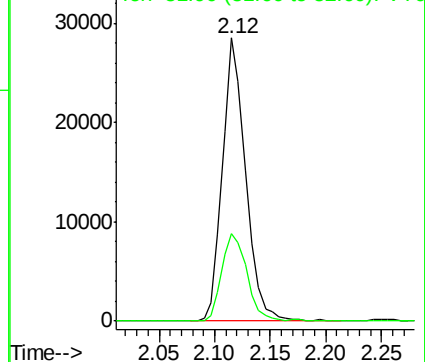
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.959 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002916.D

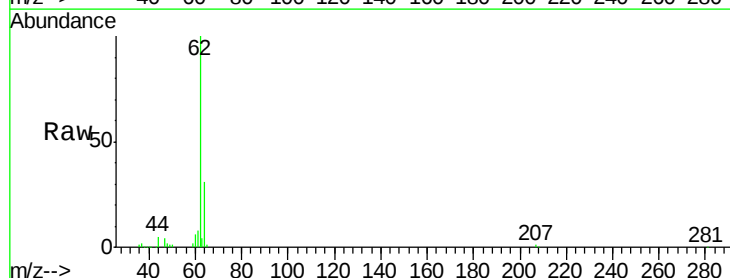
Acq: 18 Jun 2020 13:38

Tgt Ion: 62 Resp: 42612

Ion Ratio Lower Upper

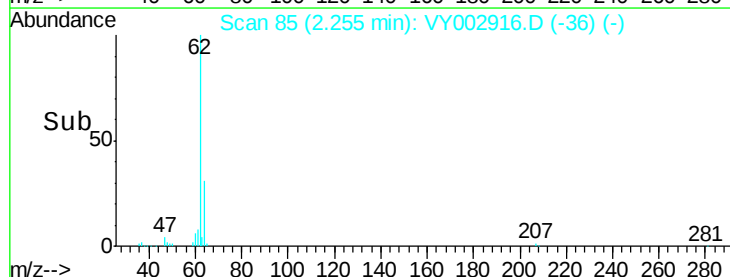
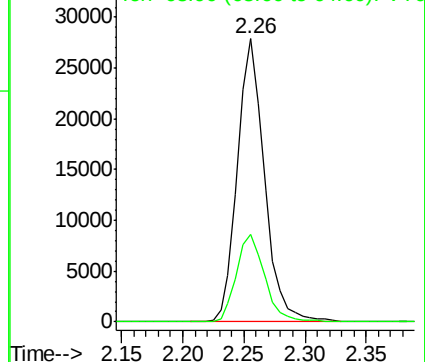
62 100

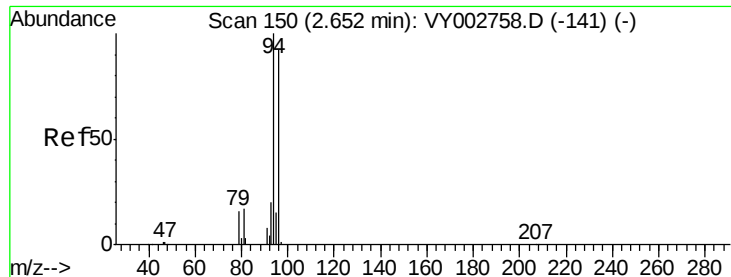
64 31.0 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 22.009 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 94 Resp: 33533

Ion Ratio Lower Upper

94 100

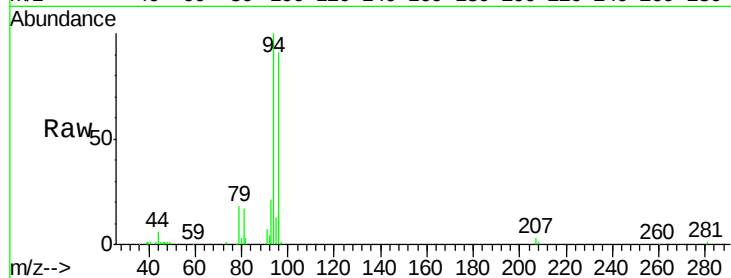
96 91.1 73.7 110.5

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

20000

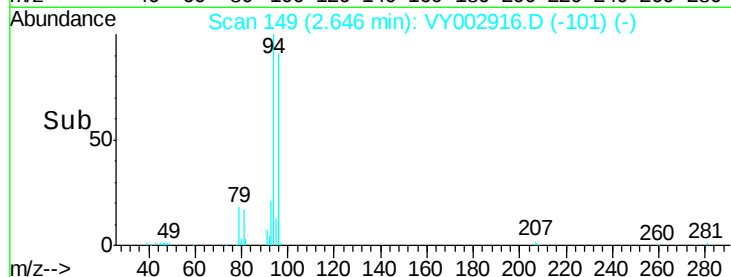
15000

10000

5000

0

Time-->

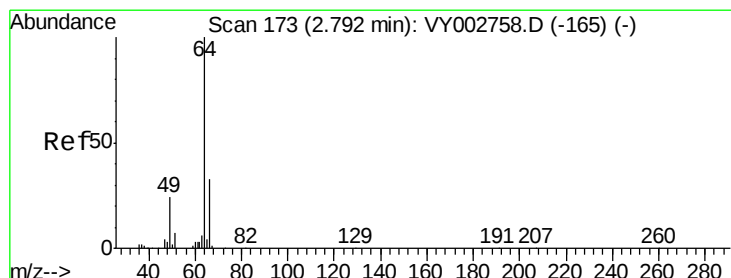


2.65

2.60

2.70

2.75



#6

Chloroethane

Concen: 22.370 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002916.D

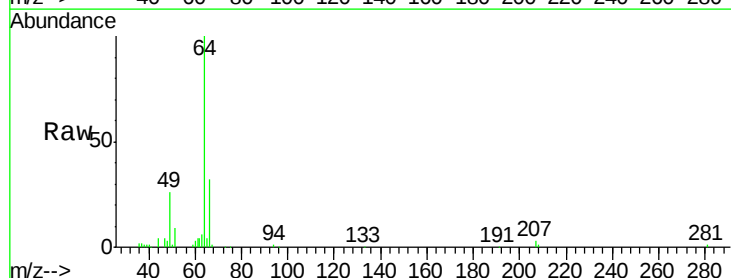
Acq: 18 Jun 2020 13:38

Tgt Ion: 64 Resp: 29483

Ion Ratio Lower Upper

64 100

66 32.2 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

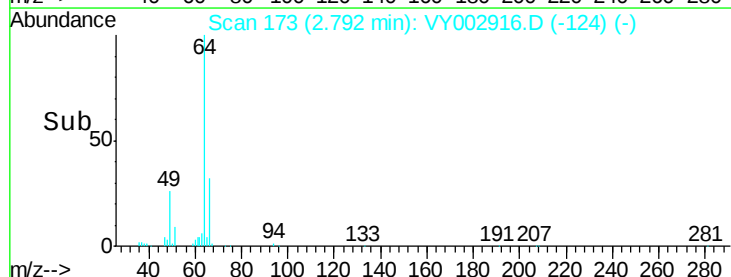
15000

10000

5000

0

Time-->

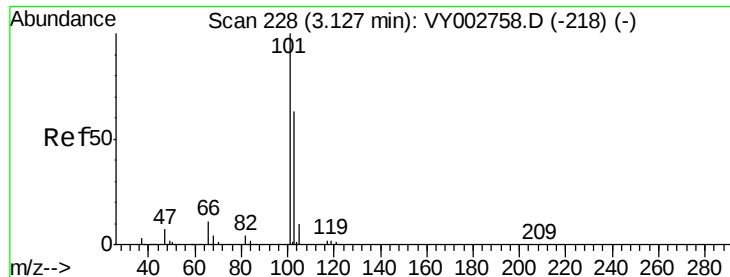


2.79

2.70

2.80

2.90



#7

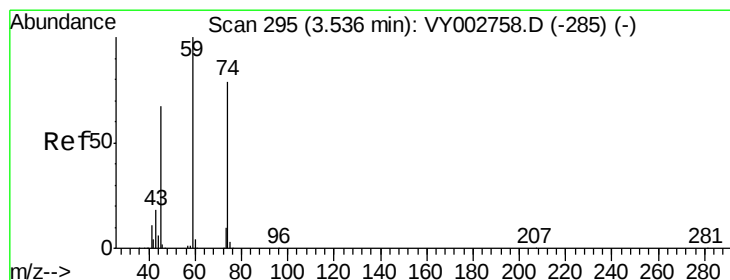
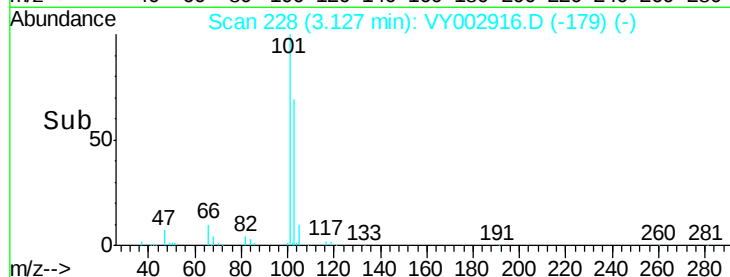
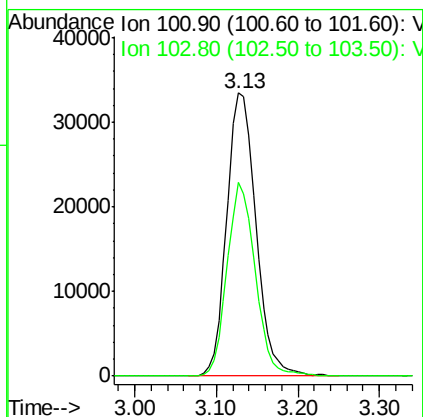
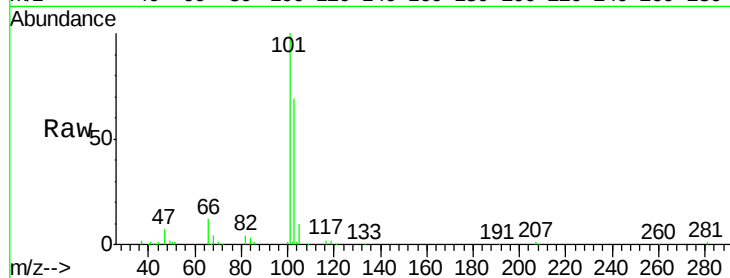
Trichlorofluoromethane
Concen: 23.001 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

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ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.6	50.6	76.0

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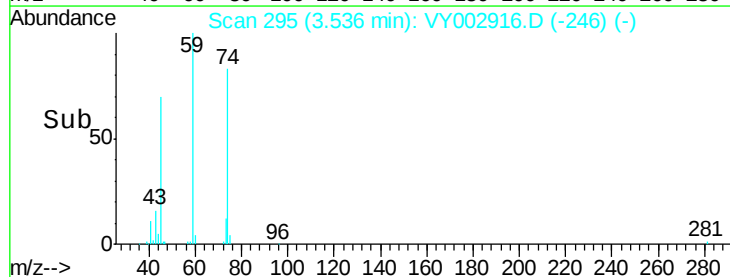
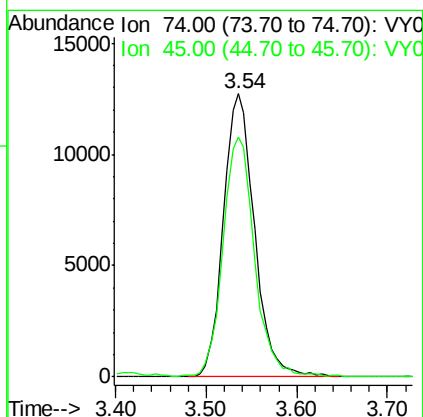
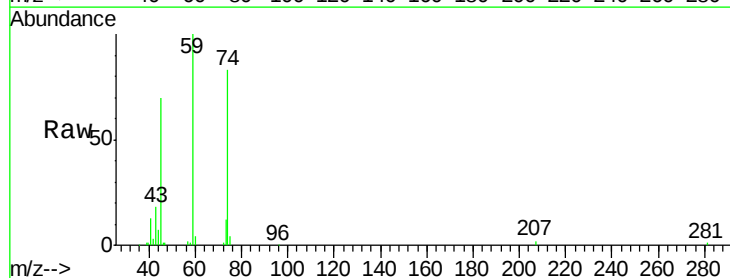
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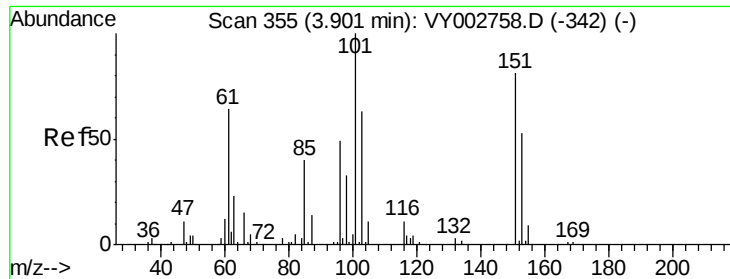


#8

Diethyl Ether
Concen: 21.543 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.4	44.0	131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.304 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

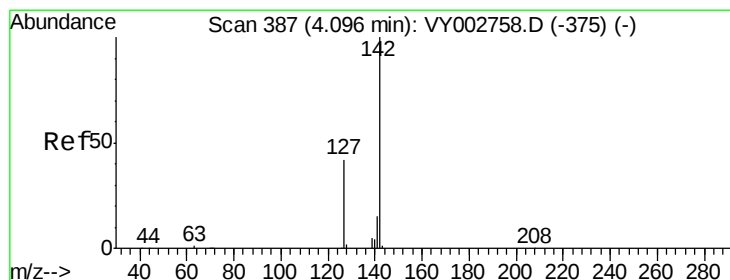
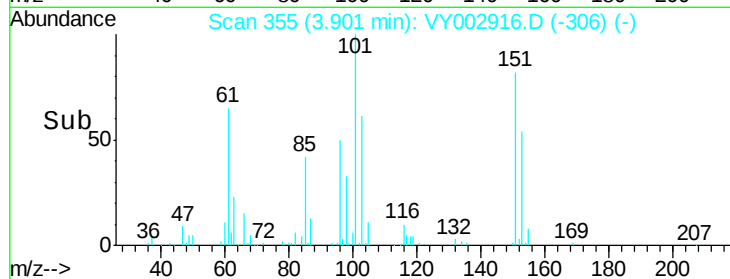
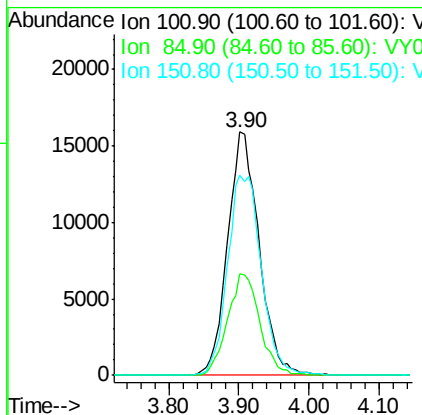
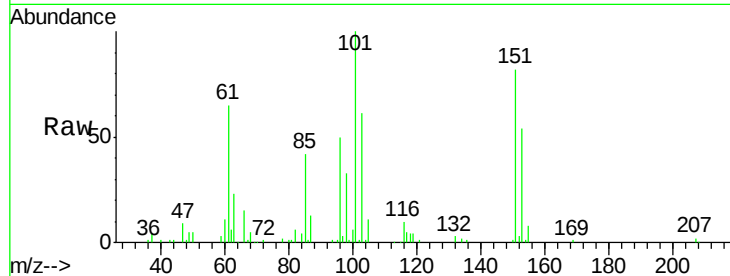
ClientSampleId :

VY0618SBS01

Tot Ion:	101	Resp:	49822
Ion Ratio	Lower	Upper	
101	100		
85	42.4	32.7	49.1
151	88.2	68.0	102.0

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#10

Methyl Iodide

Concen: 21.474 ug/l

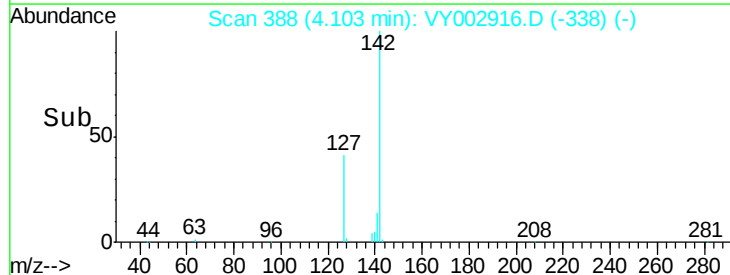
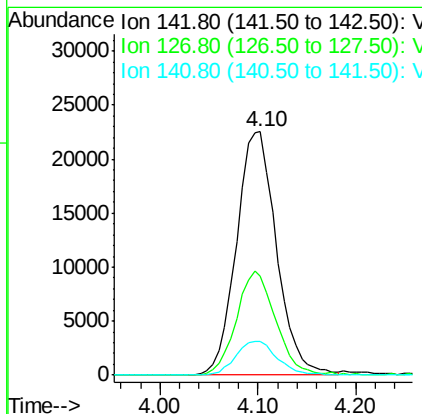
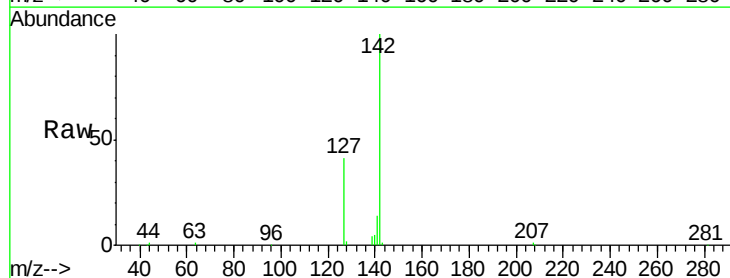
RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Tgt Ion:	142	Resp:	64241
Ion Ratio	Lower	Upper	
142	100		
127	41.7	33.3	49.9
141	14.4	11.5	17.3





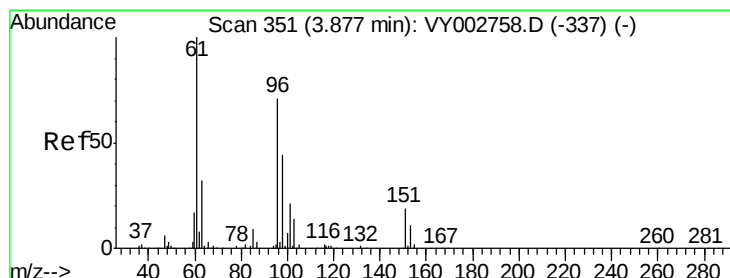
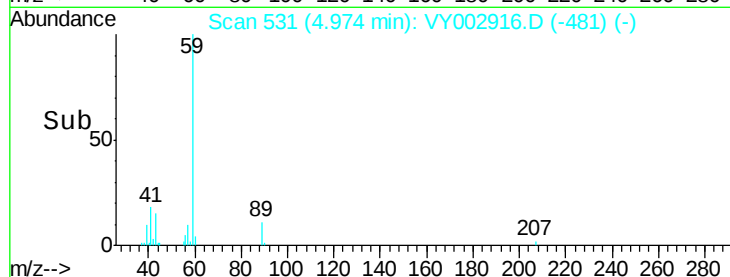
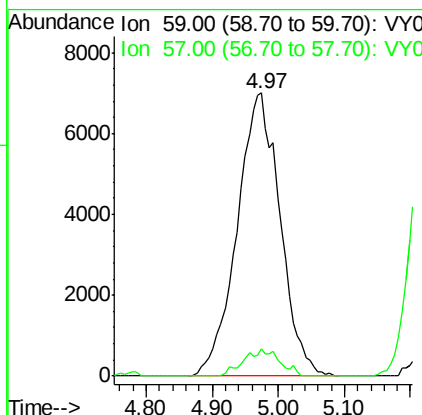
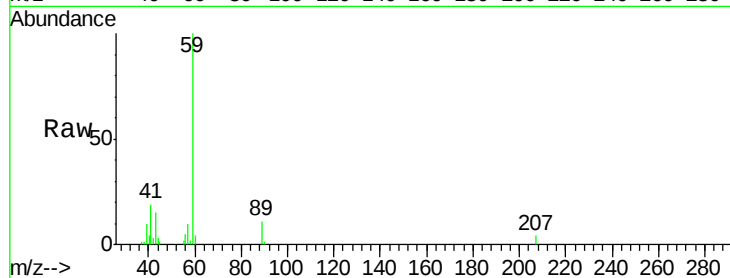
#11
Tert butyl alcohol
Concen: 127.225 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion: 59 Resp: 31486
Ion Ratio Lower Upper
59 100
57 8.0 7.7 11.5

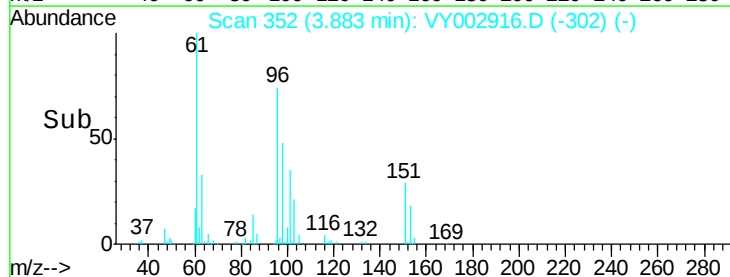
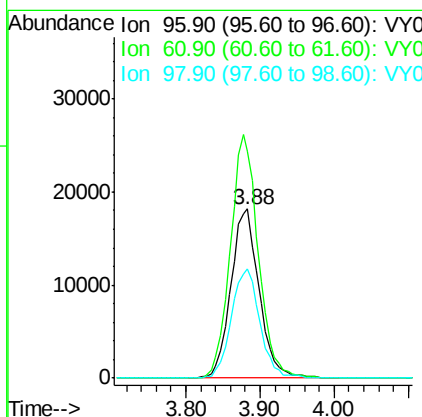
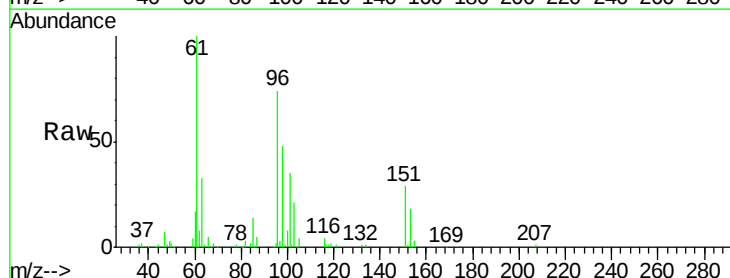
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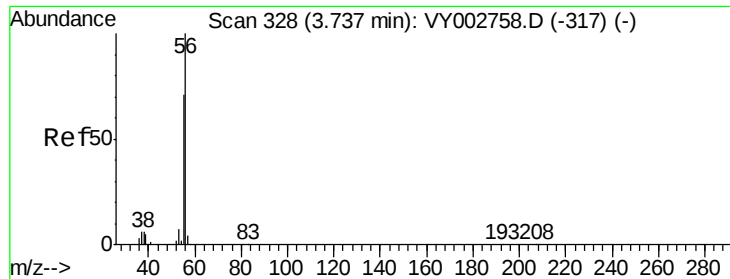
MMDadoda
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#12
1,1-Dichloroethene
Concen: 22.540 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion: 96 Resp: 48462
Ion Ratio Lower Upper
96 100
61 134.3 112.6 168.8
98 64.4 50.0 75.0





#13

Acrolein

Concen: 67.136 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 56 Resp: 17265

Ion Ratio Lower Upper

56 100

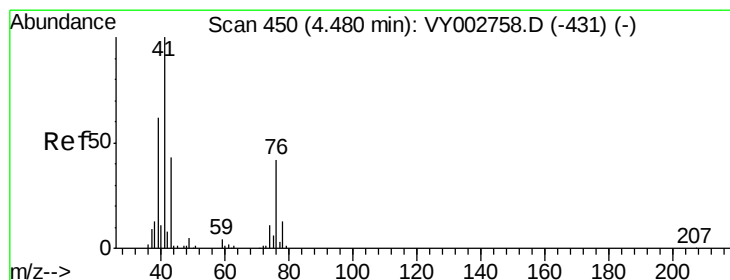
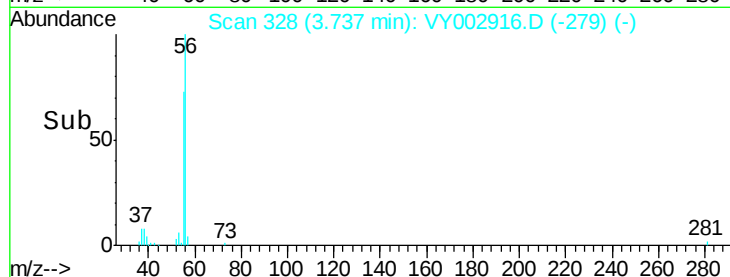
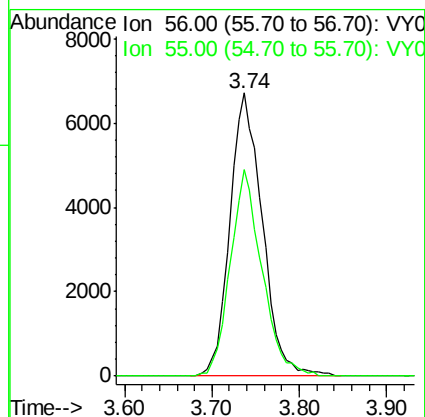
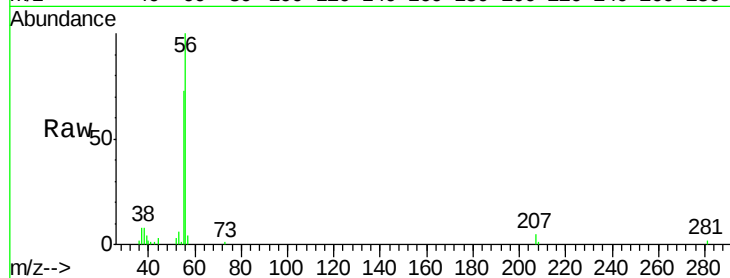
55 71.4 56.0 84.0

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#14

Allyl chloride

Concen: 22.329 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

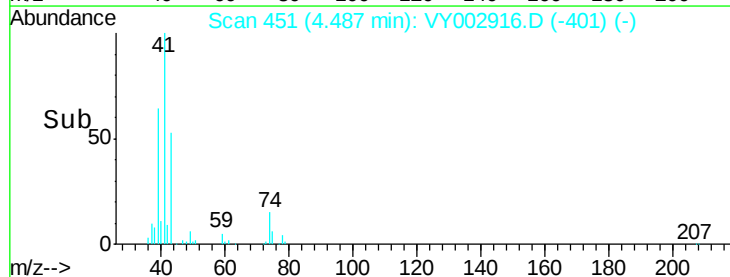
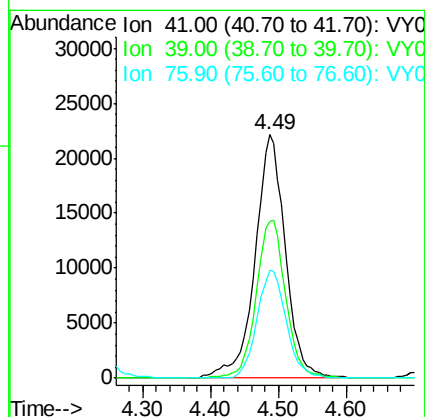
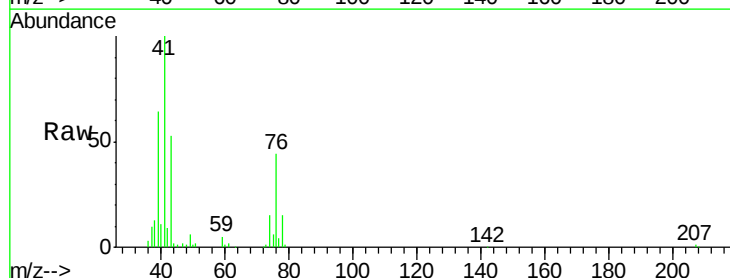
Tgt Ion: 41 Resp: 68855

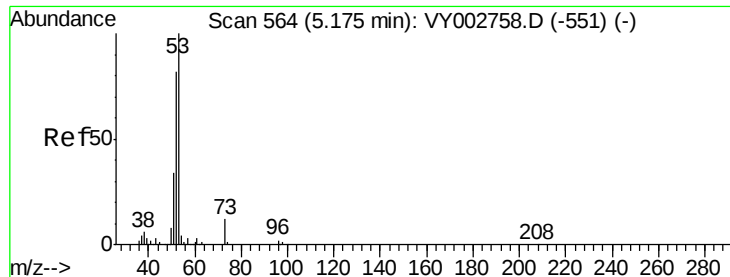
Ion Ratio Lower Upper

41 100

39 63.4 49.9 74.9

76 42.6 33.2 49.8





#15

Acrylonitrile

Concen: 118.426 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

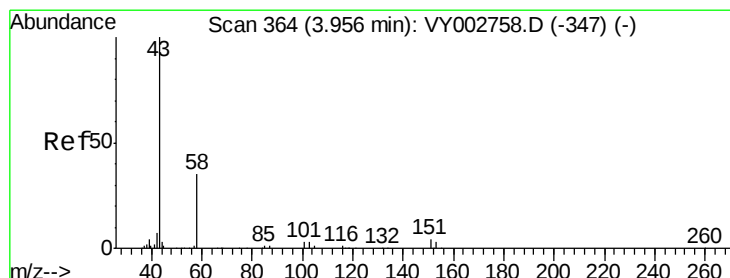
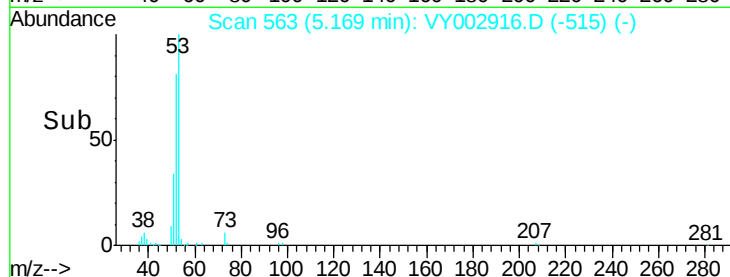
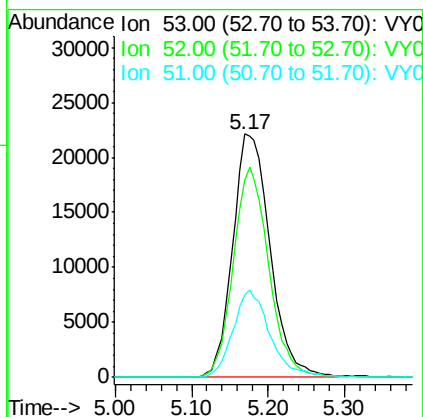
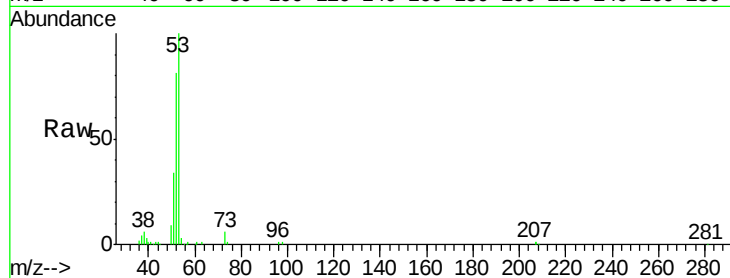
ClientSampleId :

VY0618SBS01

Tot Ion:	53	Resp:	75118
Ion Ratio	Lower	Upper	
53	100		
52	81.5	65.3	97.9
51	35.3	28.0	42.0

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#16

Acetone

Concen: 117.654 ug/l

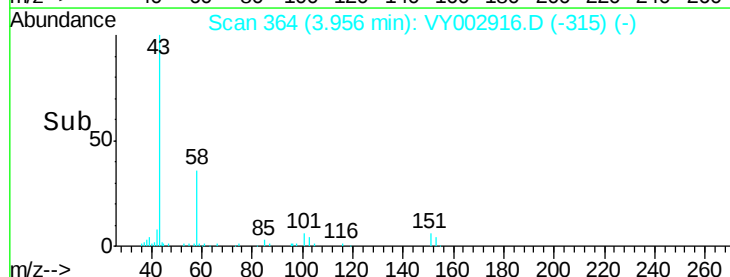
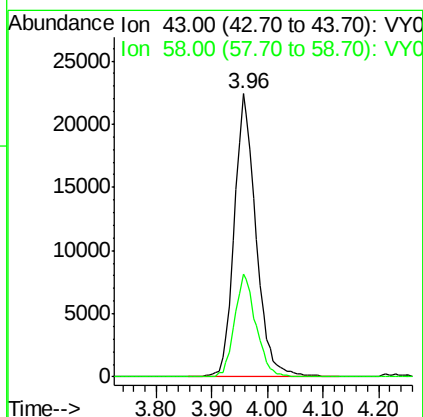
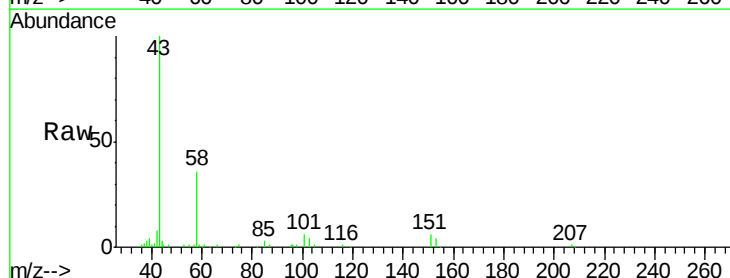
RT: 3.96 min Scan# 364

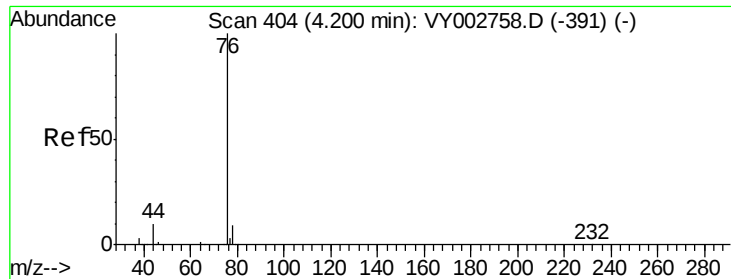
Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Tgt Ion:	43	Resp:	60541
Ion Ratio	Lower	Upper	
43	100		
58	36.4	27.7	41.5





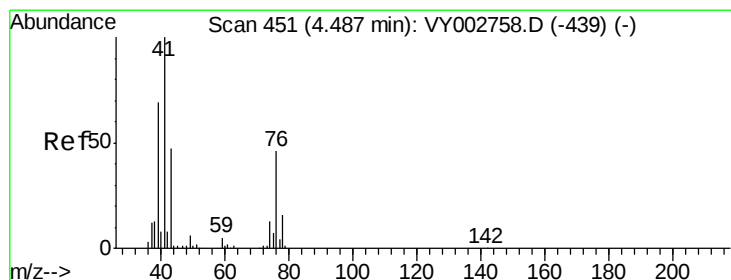
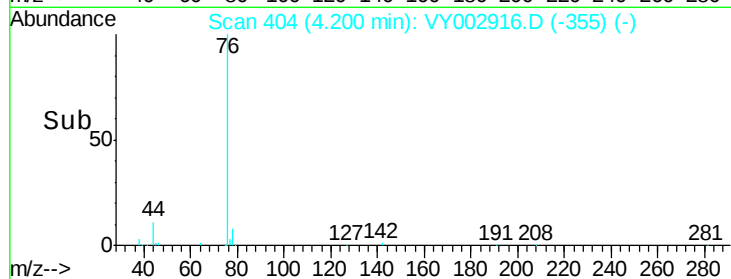
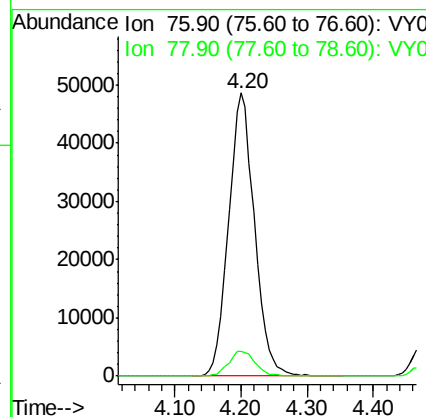
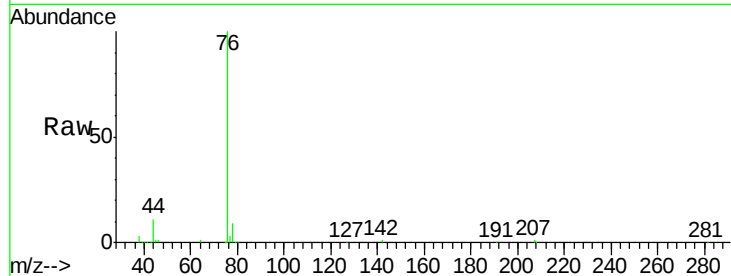
#17
Carbon Disulfide
Concen: 20.265 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	6.9	10.3

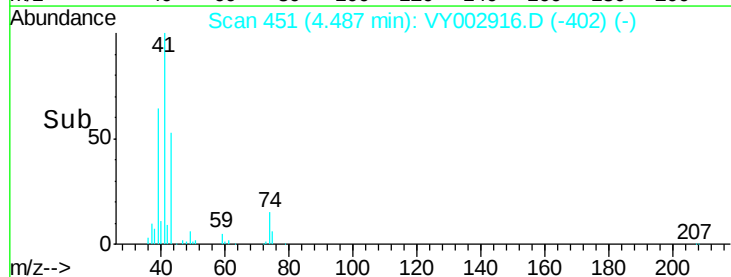
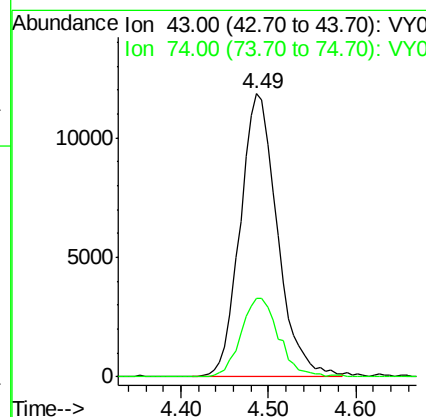
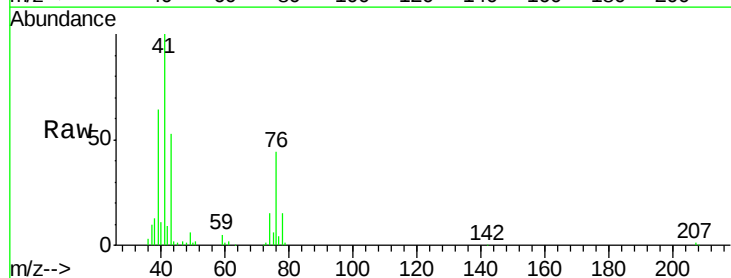
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#18
Methyl Acetate
Concen: 26.688 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.1	21.4	32.0





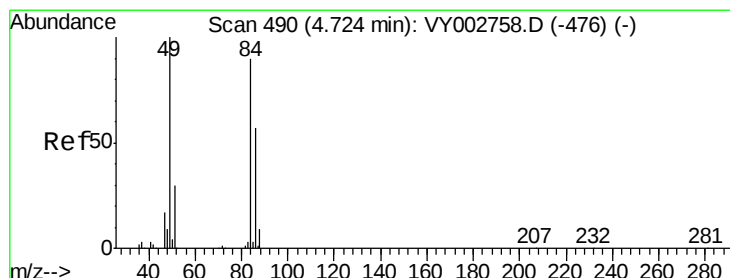
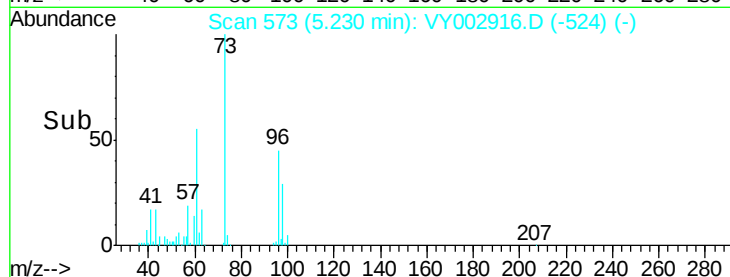
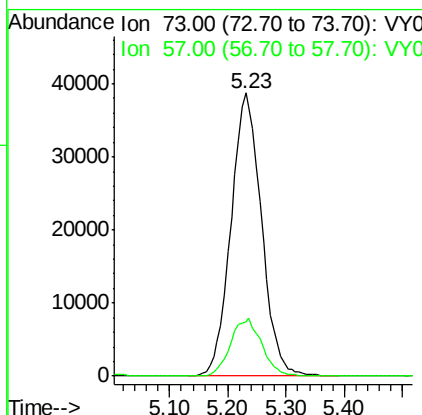
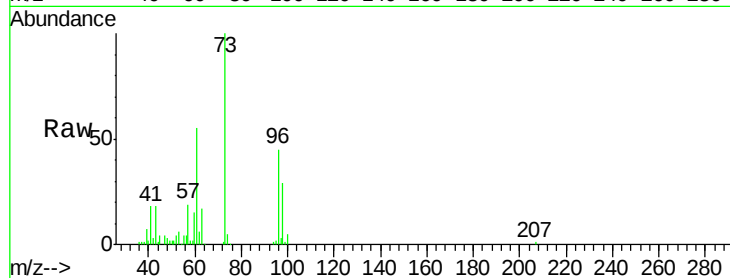
#19
Methvl tert-butvl Ether
Concen: 23.711 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion: 73 Resp: 140741
Ion Ratio Lower Upper
73 100
57 19.0 17.0 25.4

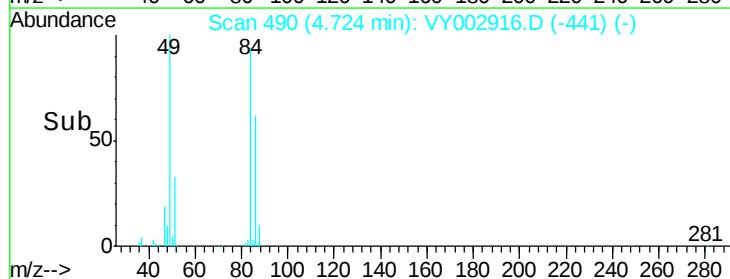
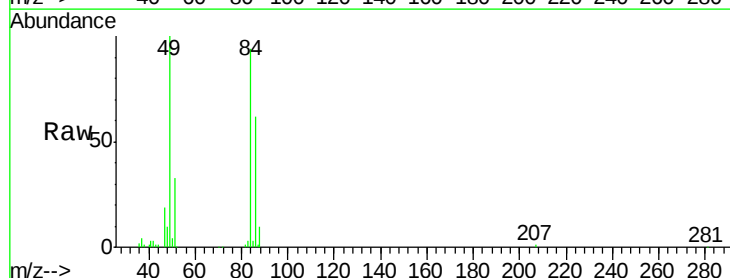
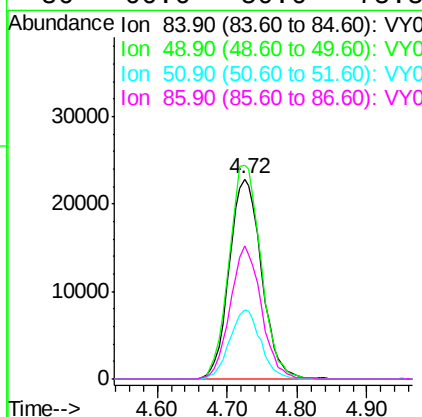
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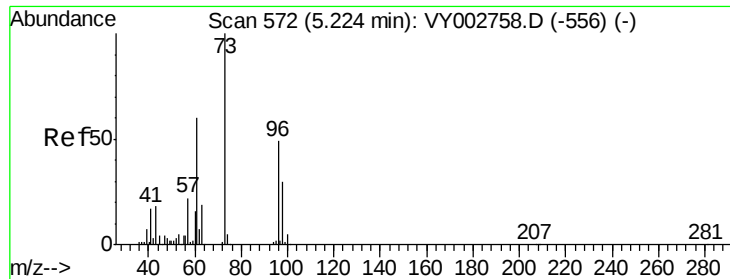
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#20
Methylene Chloride
Concen: 29.127 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion: 84 Resp: 73244
Ion Ratio Lower Upper
84 100
49 106.9 88.5 132.7
51 34.9 26.8 40.2
86 66.6 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 22.428 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 96 Resp: 54229

Ion Ratio Lower Upper

96 100

61 123.8 96.8 145.2

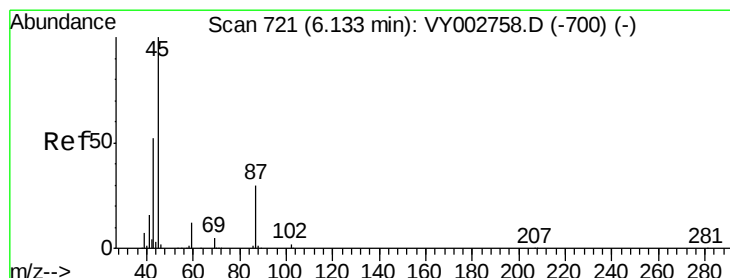
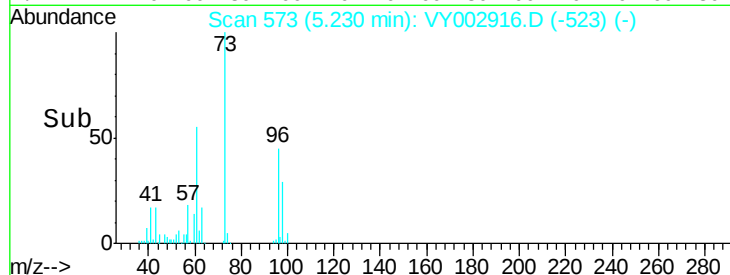
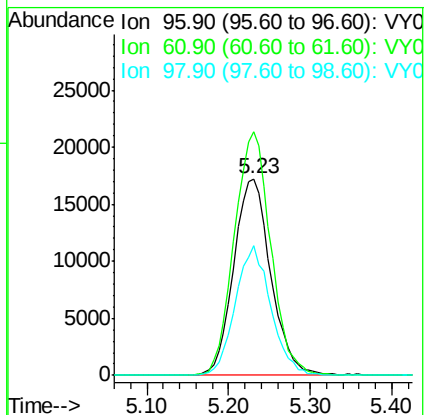
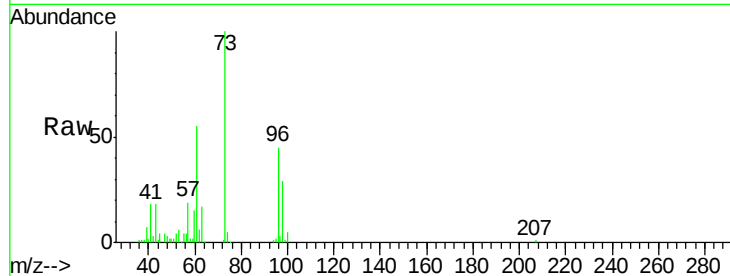
98 65.7 49.4 74.0

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#22

Diisopropyl ether

Concen: 23.201 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Tgt Ion: 45 Resp: 148673

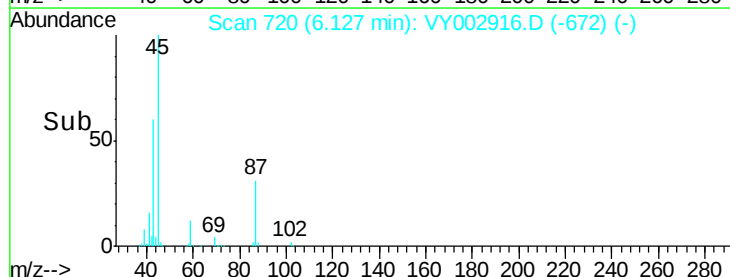
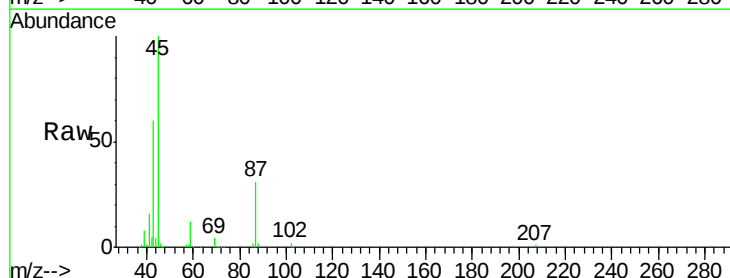
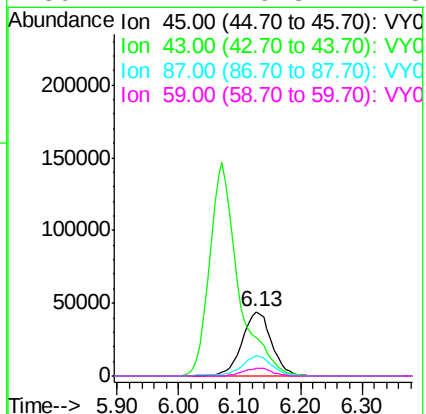
Ion Ratio Lower Upper

45 100

43 59.5 41.7 62.5

87 31.5 24.2 36.2

59 12.2 9.8 14.8





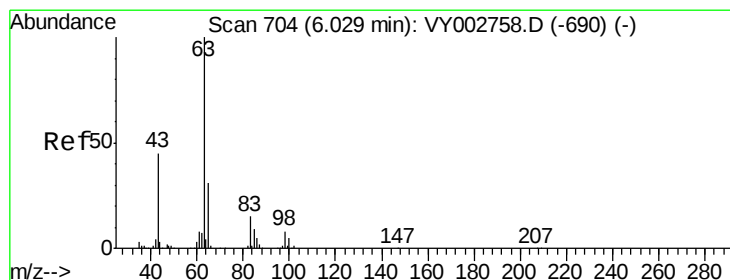
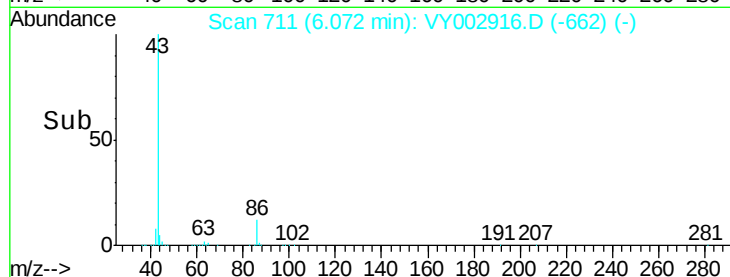
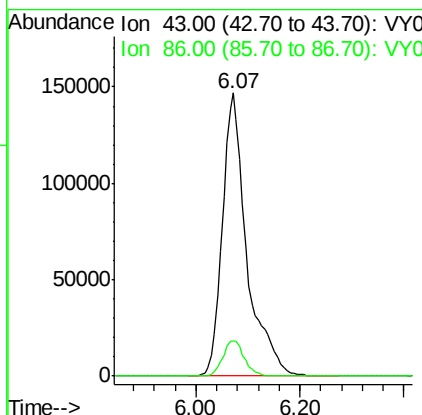
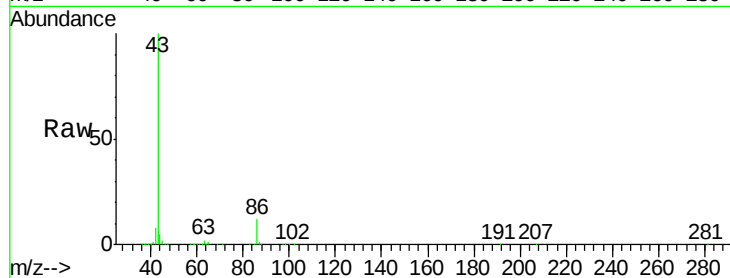
#23
 Vinyl Acetate
 Concen: 114.081 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	12.4	10.2	15.2

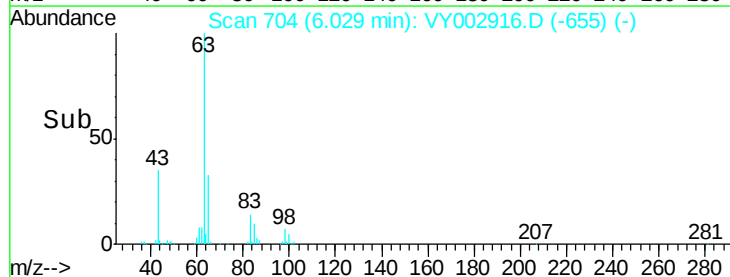
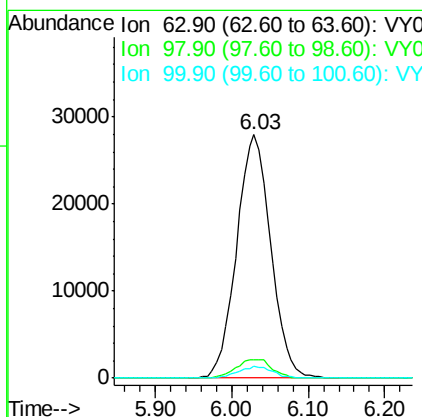
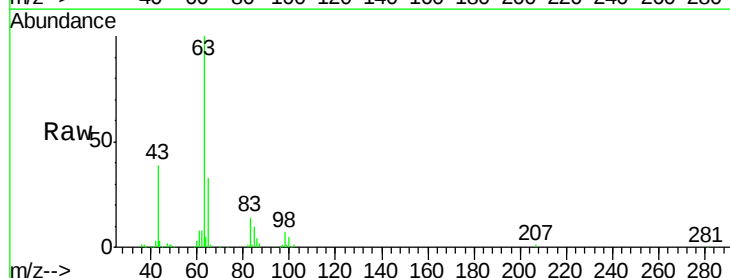
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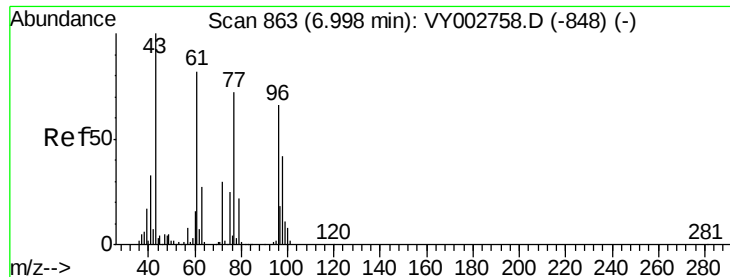
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#24
 1,1-Dichloroethane
 Concen: 23.095 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.4	4.0	12.2
100	4.9	2.4	7.1





#25

2-Butanone

Concen: 117.317 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 43 Resp: 94053

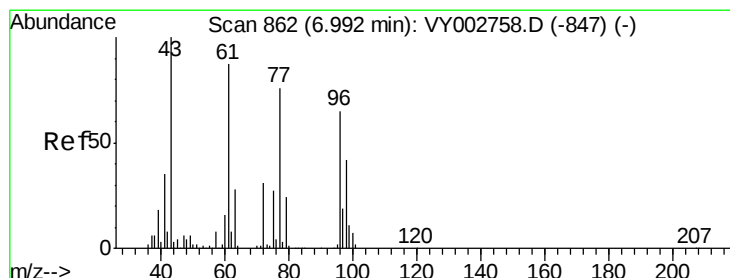
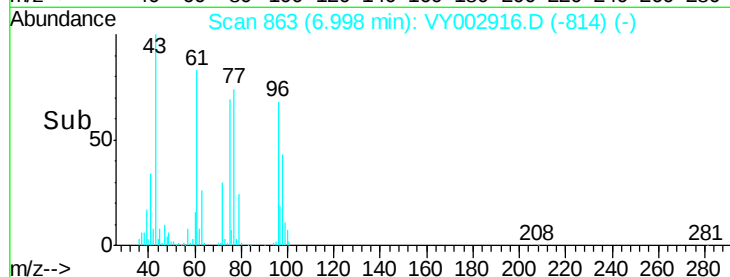
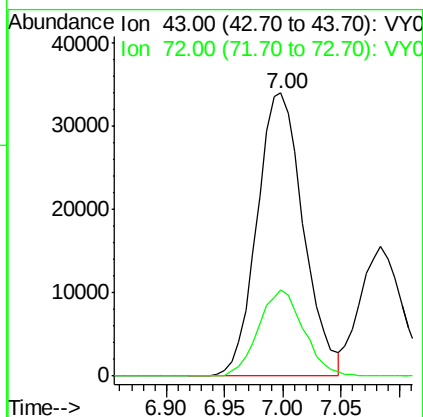
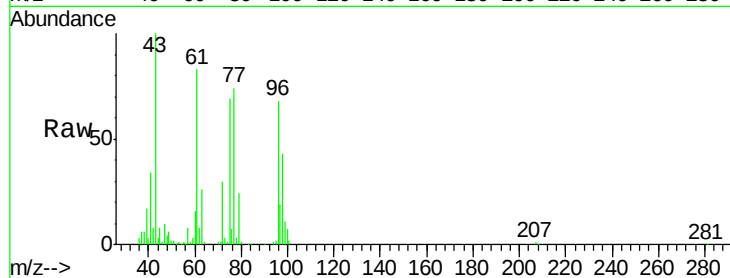
Ion Ratio Lower Upper

43 100

72 30.3 23.9 35.9

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 23.357 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002916.D

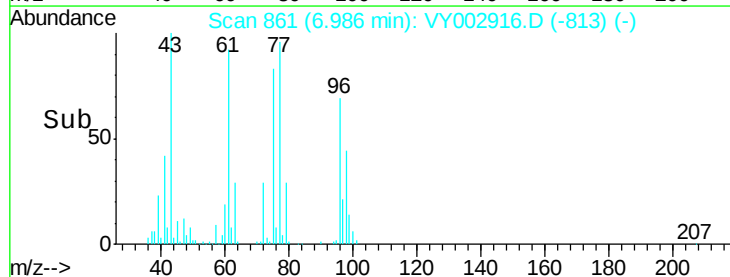
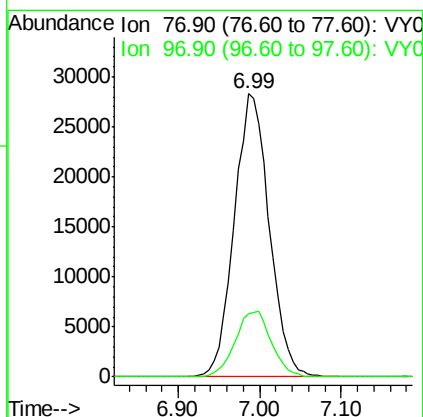
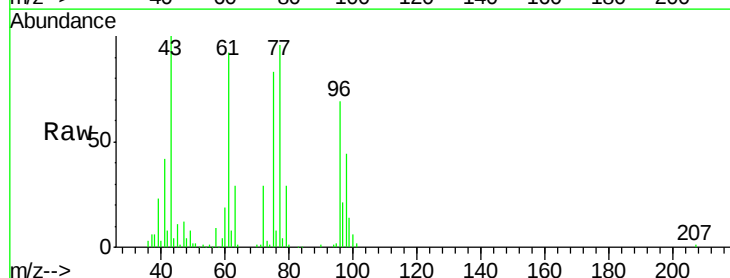
Acq: 18 Jun 2020 13:38

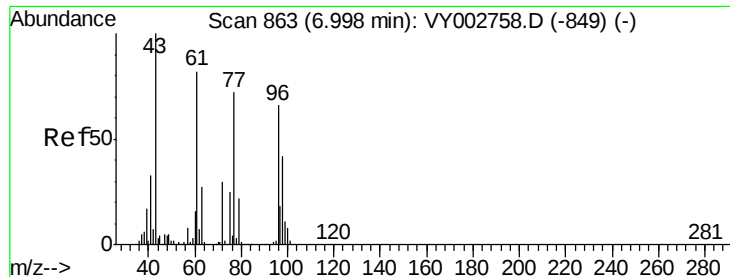
Tgt Ion: 77 Resp: 83970

Ion Ratio Lower Upper

77 100

97 23.9 12.2 36.6





#27

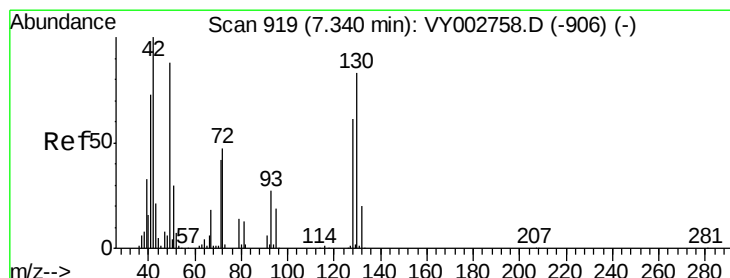
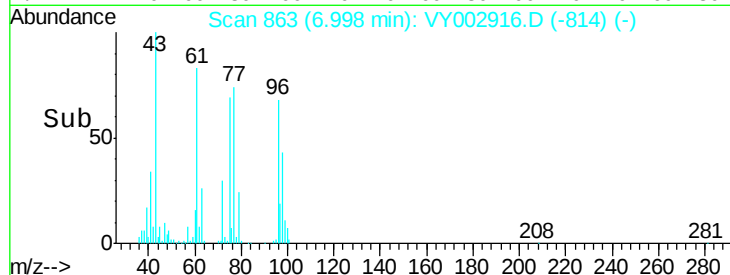
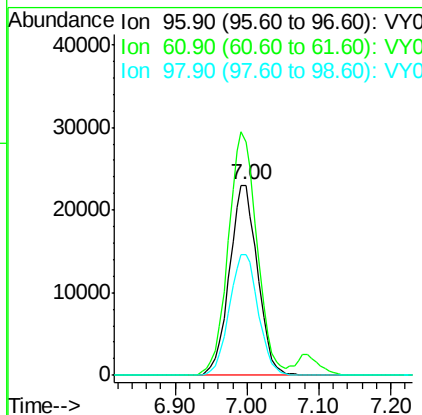
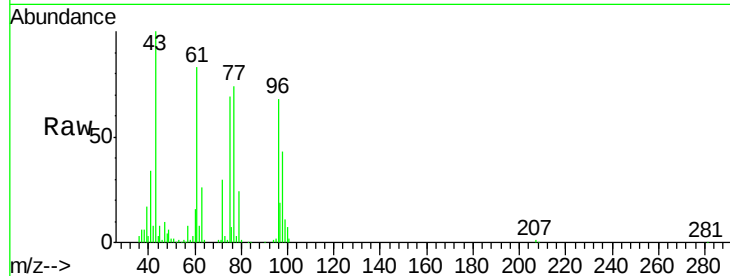
cis-1,2-Dichloroethene
Concen: 23.075 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.4	0.0	260.2
98	65.1	0.0	128.2

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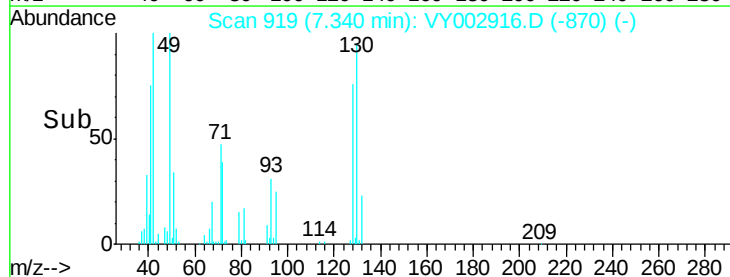
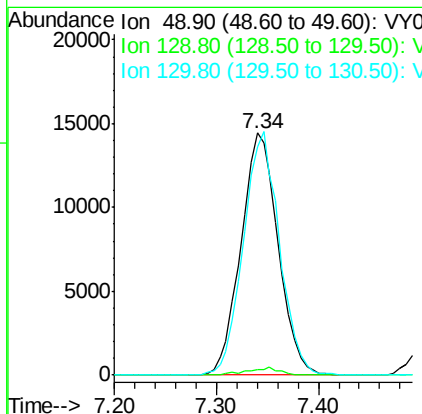
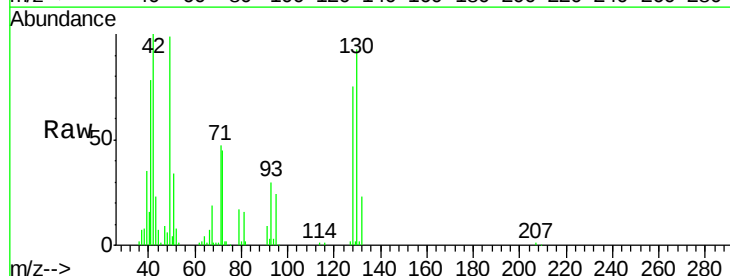
MMDadoda
6/19/2020 1:12:11 PM

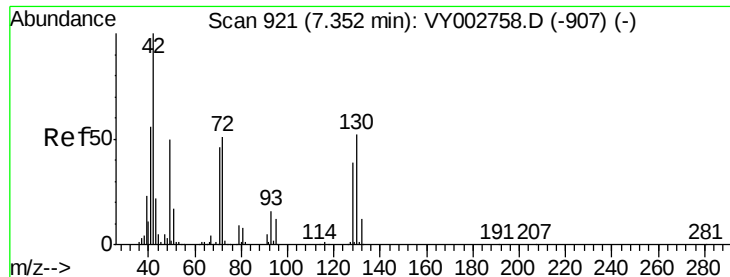


#28

Bromochloromethane
Concen: 23.749 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.2
130	97.7	77.1	115.7





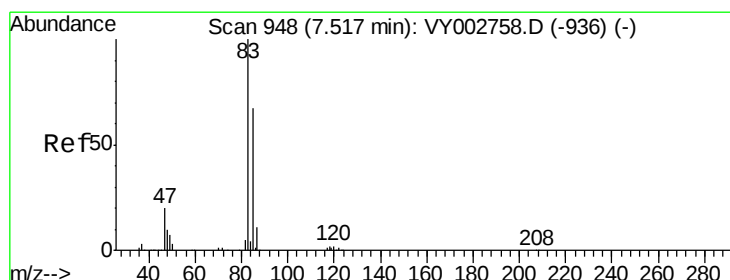
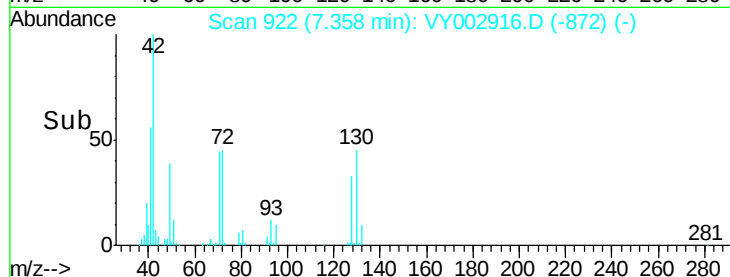
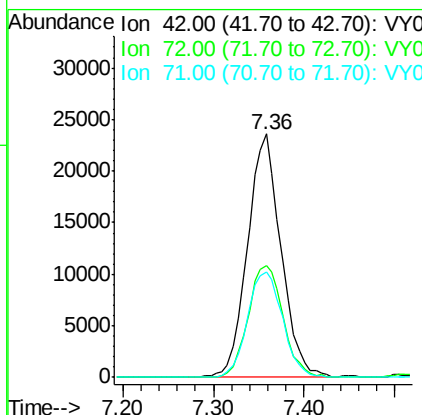
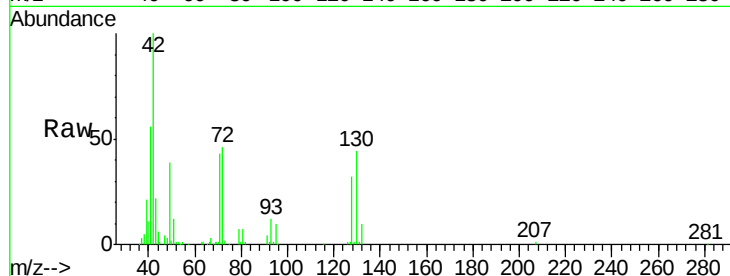
#29
Tetrahydrofuran
Concen: 115.578 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.9	38.6	58.0
71	45.4	35.8	53.8

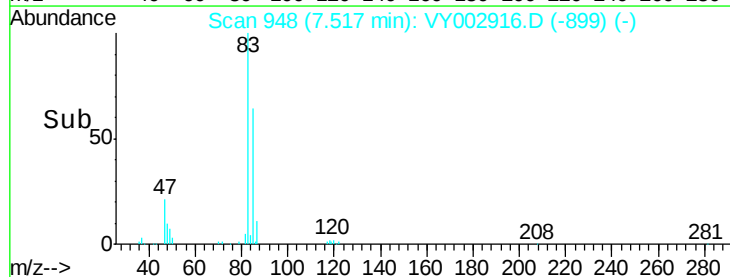
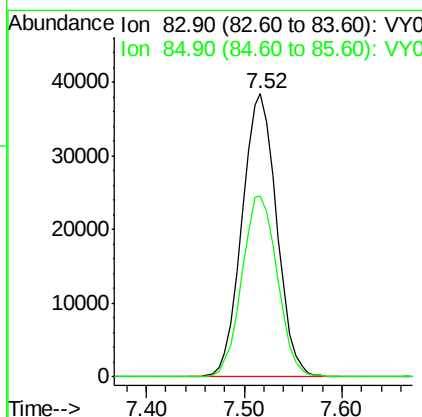
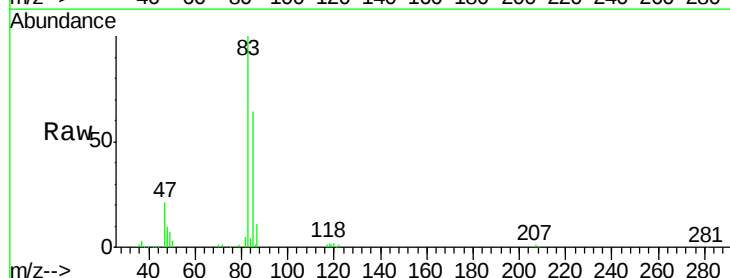
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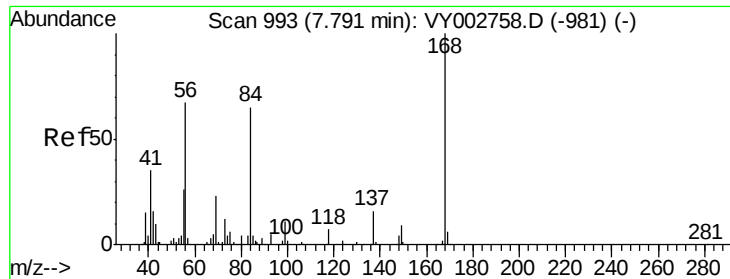
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#30
Chloroform
Concen: 23.801 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	53.8	80.8





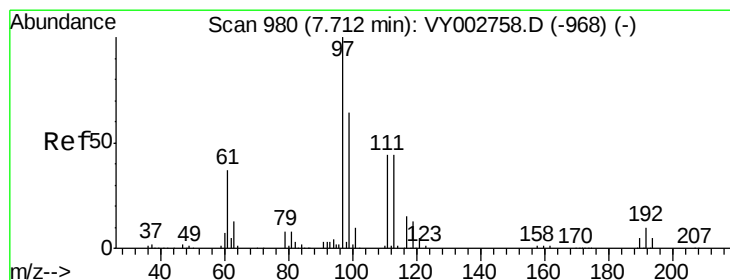
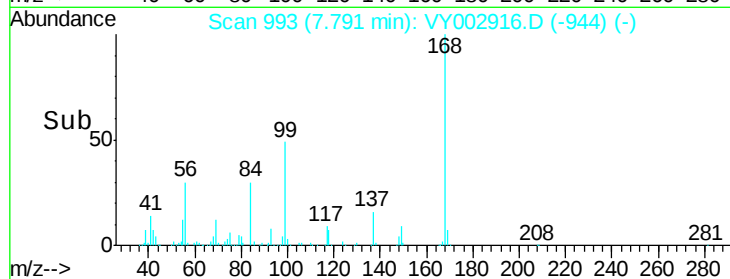
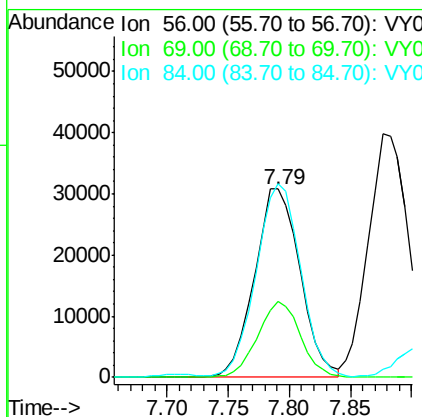
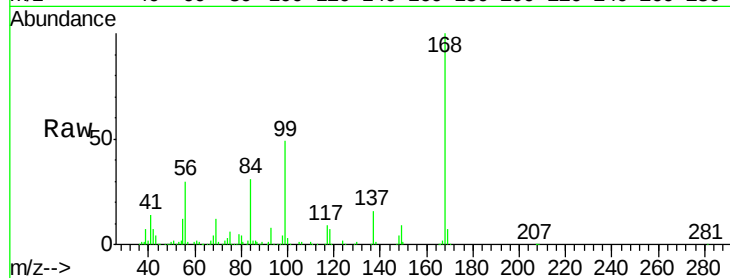
#31
Cyclohexane
Concen: 21.587 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.7	28.0	42.0
84	100.8	77.7	116.5

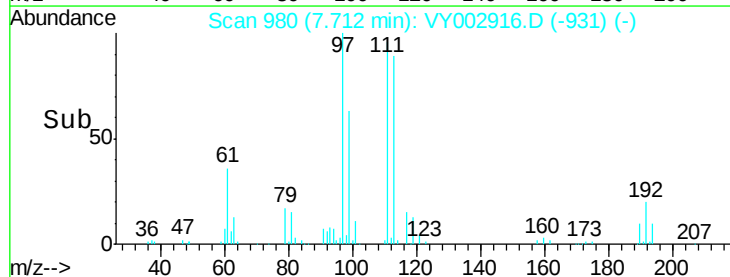
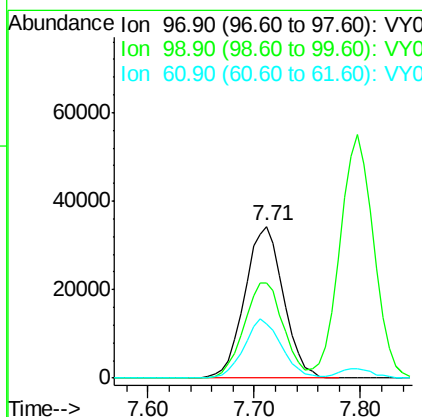
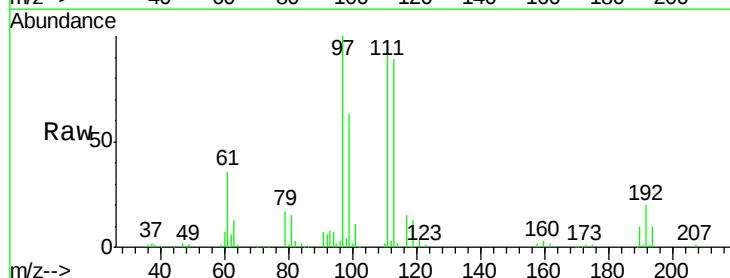
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#32
1,1,1-Trichloroethane
Concen: 23.570 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.4	77.0
61	37.6	30.1	45.1





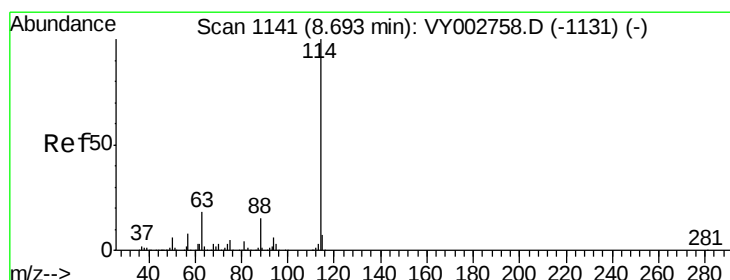
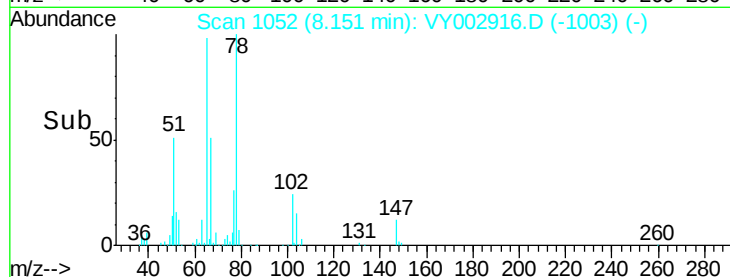
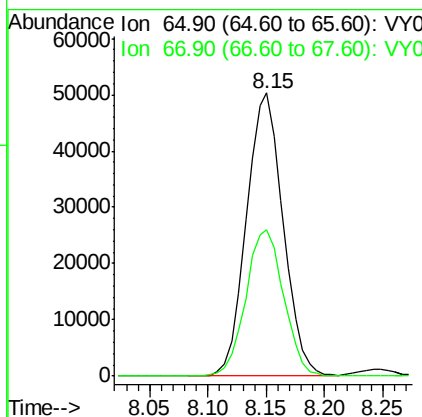
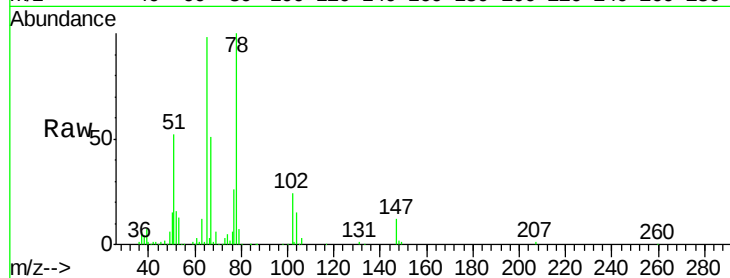
#33
 1,2-Dichloroethane-d4
 Concen: 50.063 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.4	0.0	111.0	

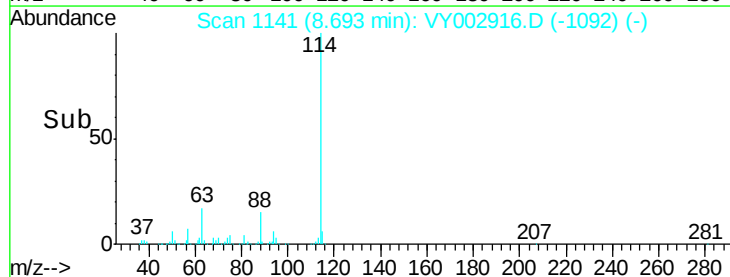
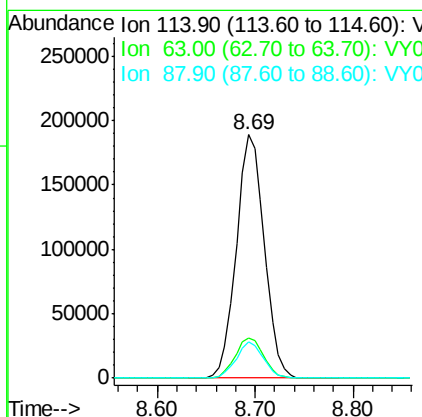
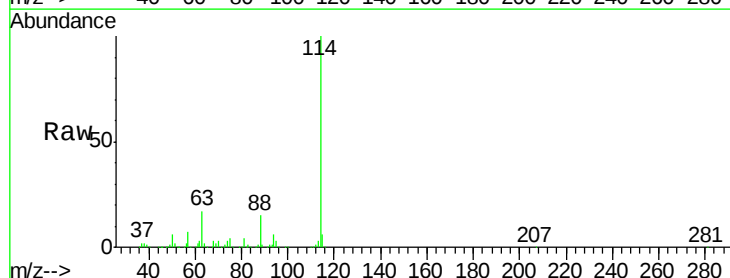
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	16.5	0.0	35.2	
88	14.7	0.0	29.2	





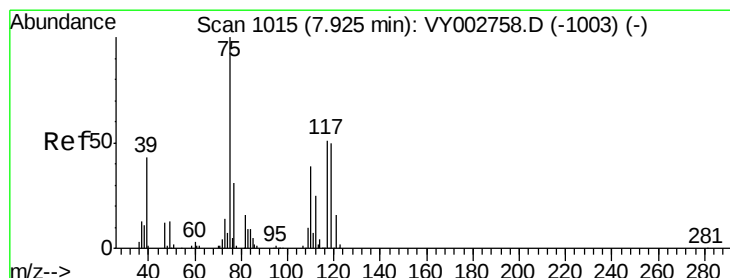
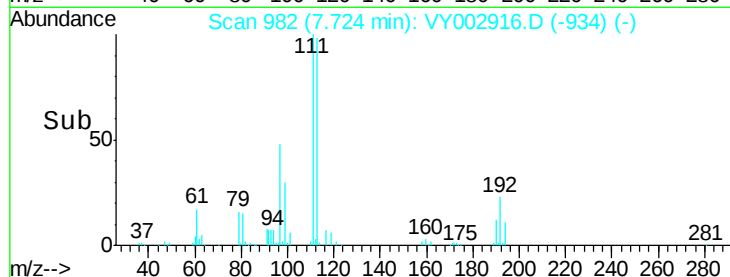
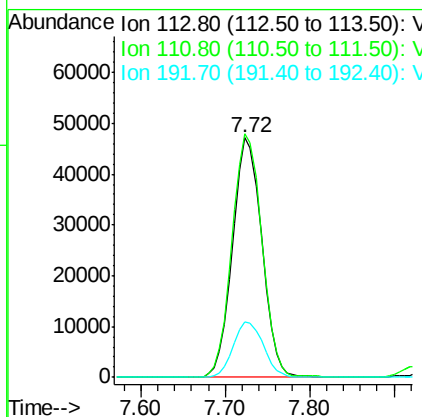
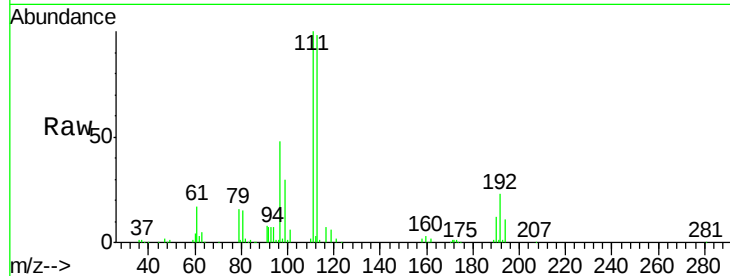
#35
Dibromofluoromethane
Concen: 50.884 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	111177		
111	103.6	82.0	123.0	
192	23.7	18.9	28.3	

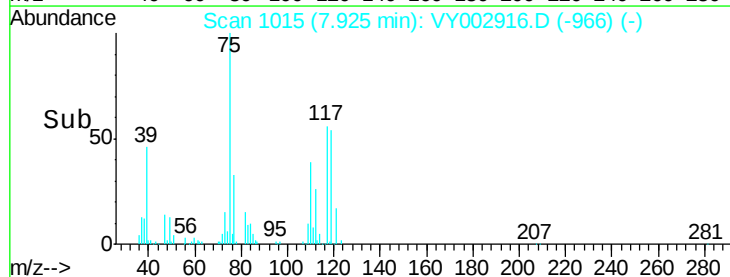
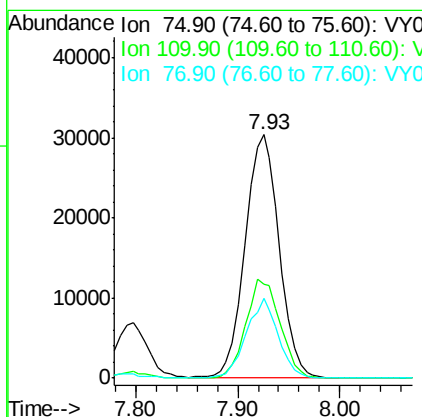
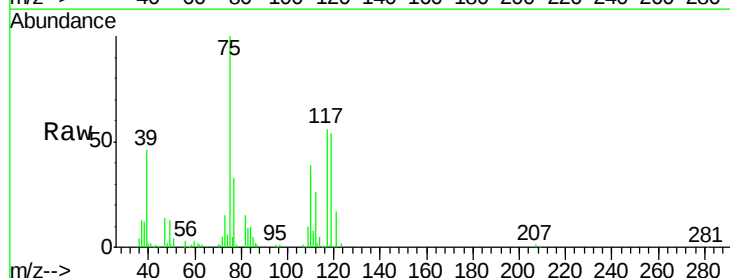
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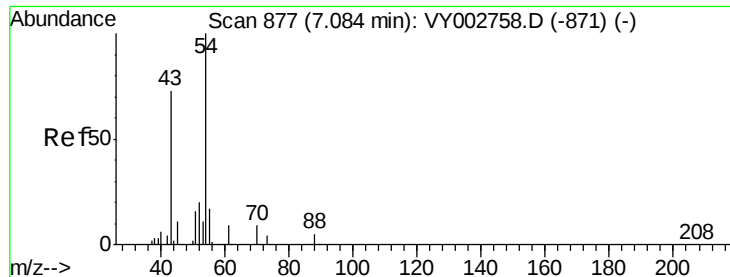
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#36
1,1-Dichloropropene
Concen: 22.559 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	70848		
110	40.4	19.3	57.9	
77	30.8	24.8	37.2	





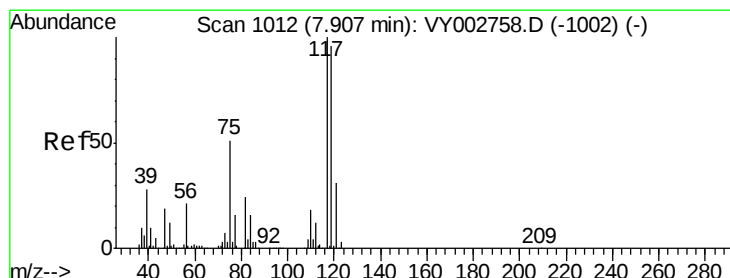
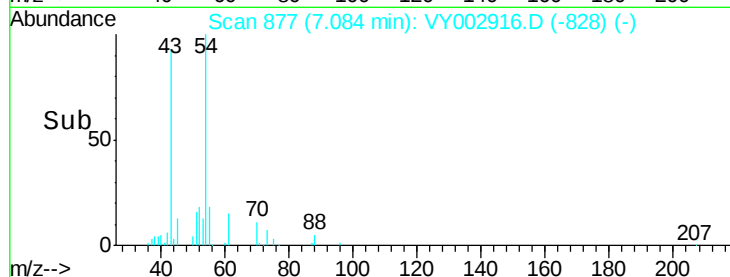
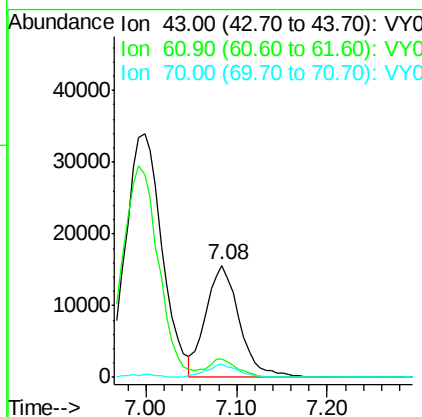
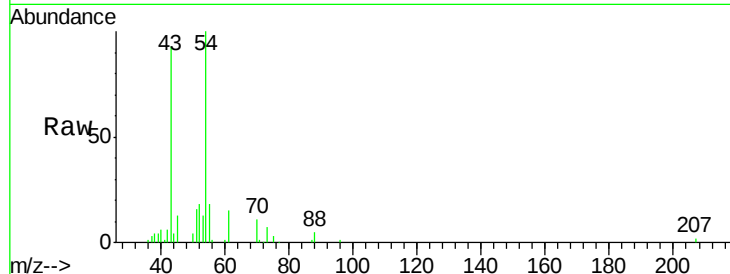
#37
Ethyl Acetate
Concen: 23.828 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.9	17.9
70	11.0	9.1	13.7

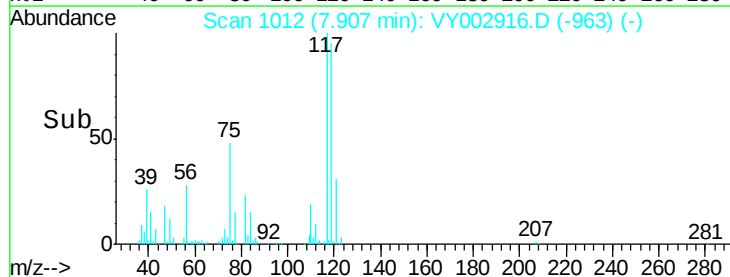
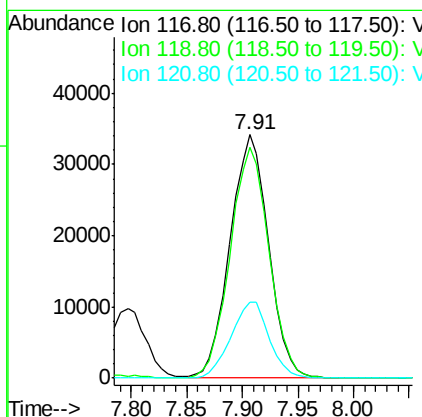
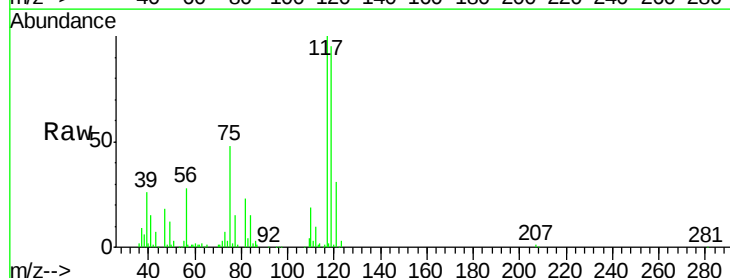
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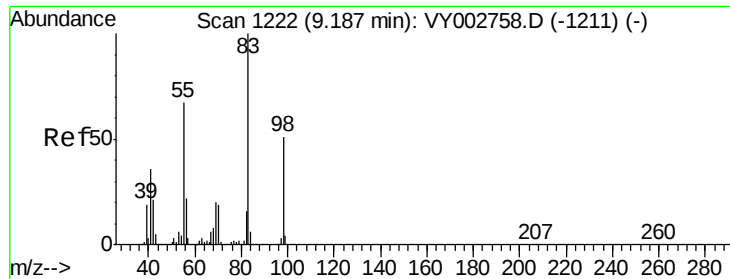
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#38
Carbon Tetrachloride
Concen: 23.480 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.8	115.2
121	31.4	24.8	37.2





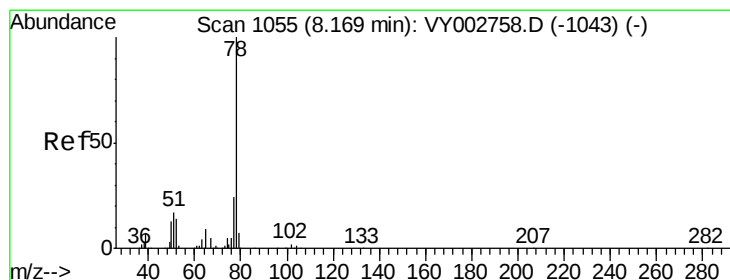
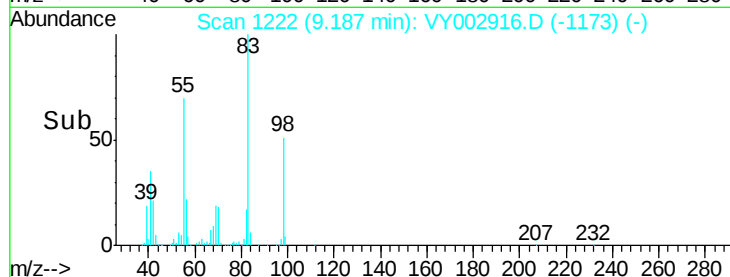
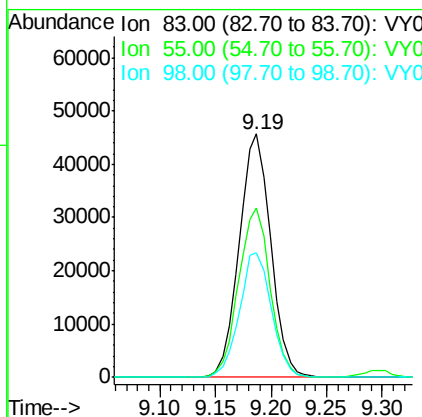
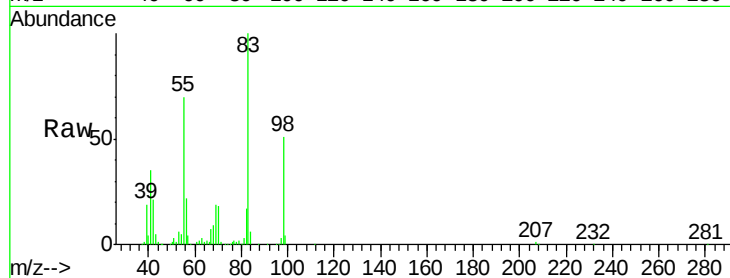
#39
Methvlcvclohexane
Concen: 21.721 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.7	53.3	79.9
98	50.9	41.1	61.7

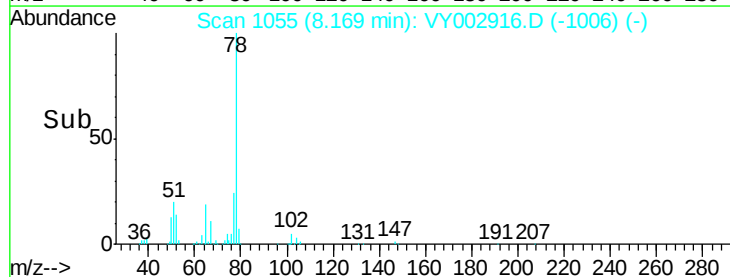
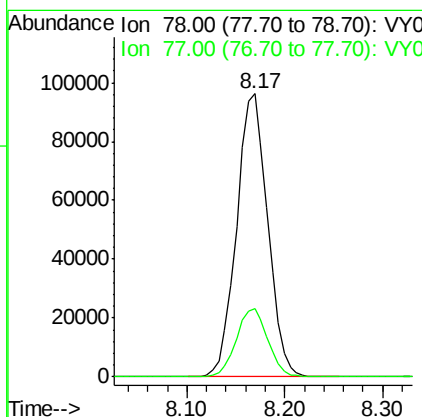
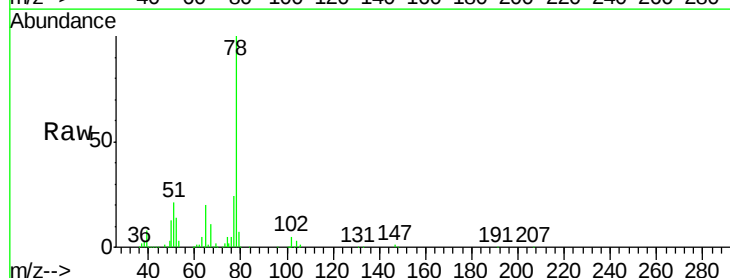
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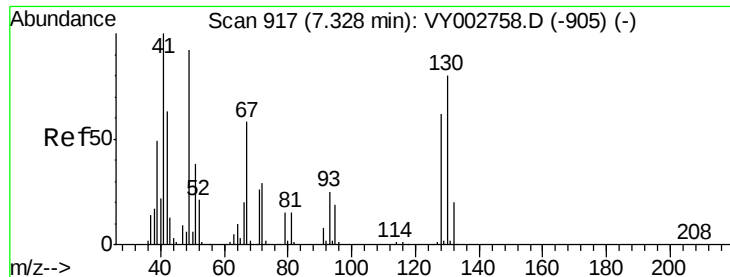
MMDadoda
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#40
Benzene
Concen: 22.819 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2





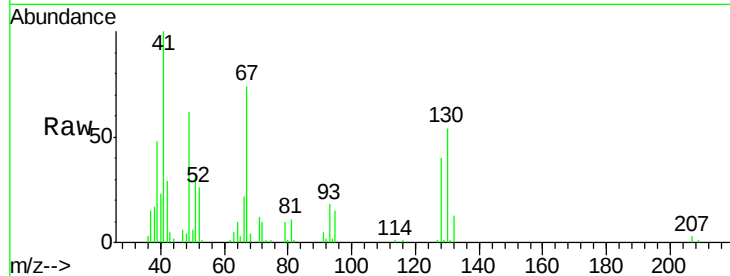
#41
Methacrylonitrile
Concen: 21.684 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

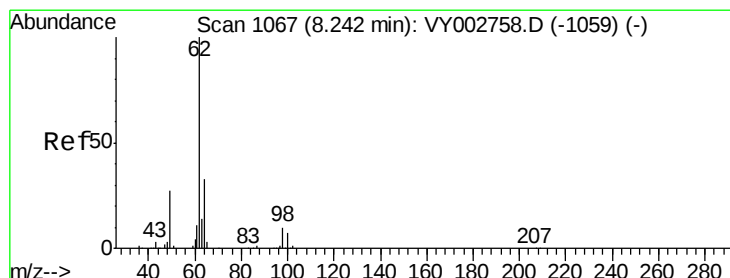
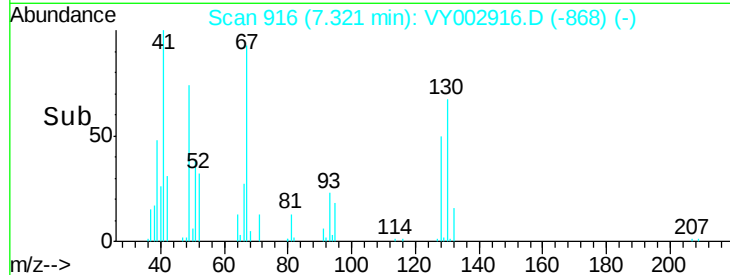
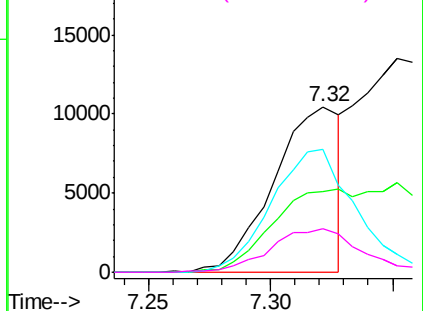
Tot Ion	41	Resp	19905
Ion Ratio	Lower	Upper	
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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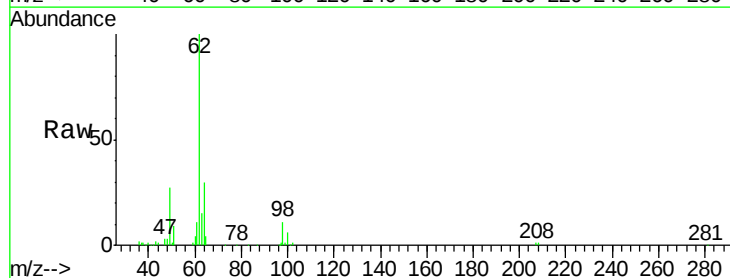


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

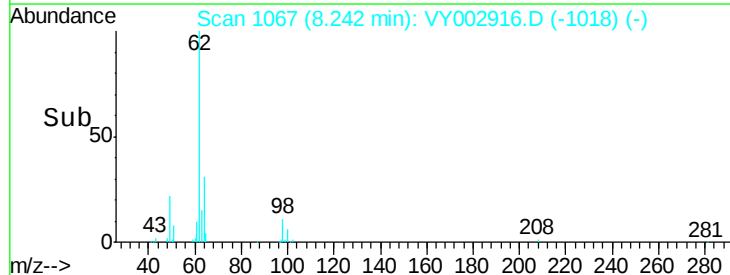
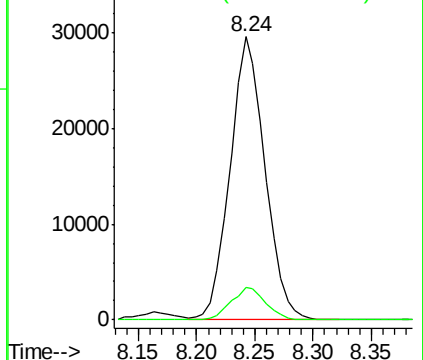


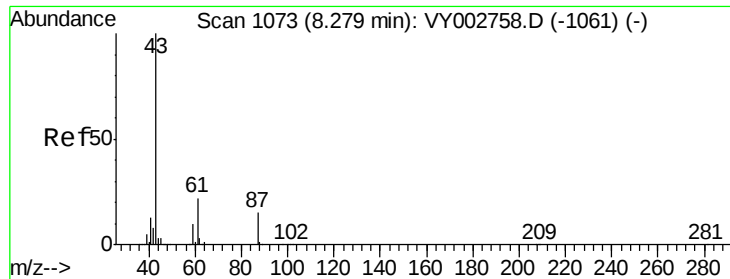
#42
1,2-Dichloroethane
Concen: 23.721 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion	62	Resp	61690
Ion Ratio	Lower	Upper	
62	100		
98	11.3	0.0	22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

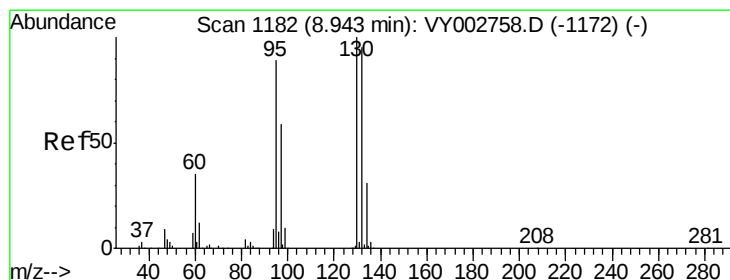
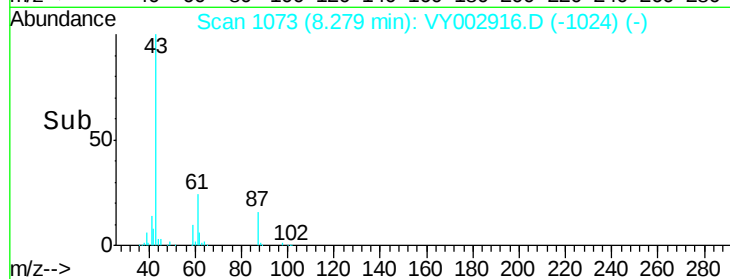
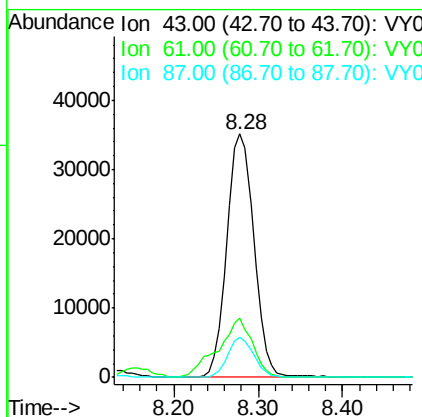
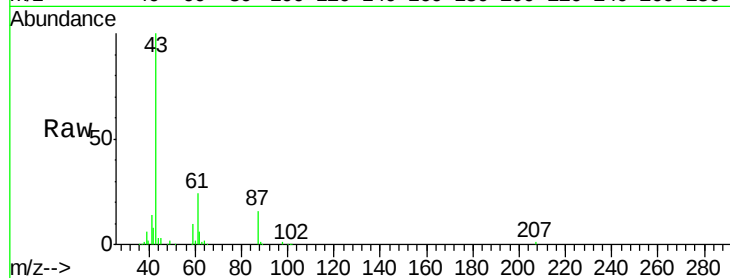
Isopropyl Acetate
 Concen: 23.687 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.0	24.8	37.2
87	15.7	12.4	18.6

Manual Integrations
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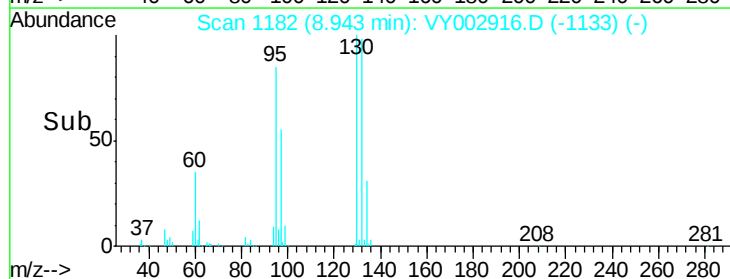
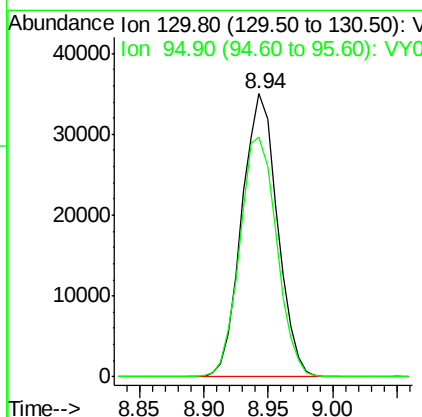
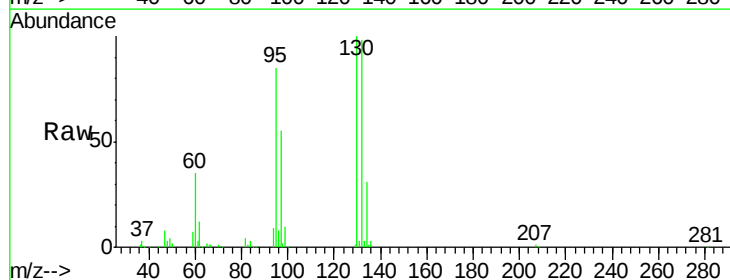
MMDadoda
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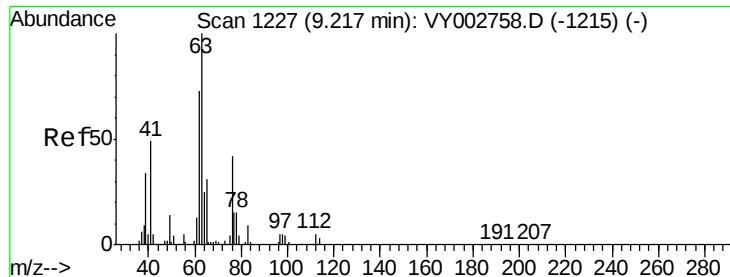


#44

Trichloroethene
 Concen: 22.823 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	84.7	0.0	178.8





#45

1,2-Dichloropropane

Concen: 23.429 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 63 Resp: 52138

Ion Ratio Lower Upper

63 100

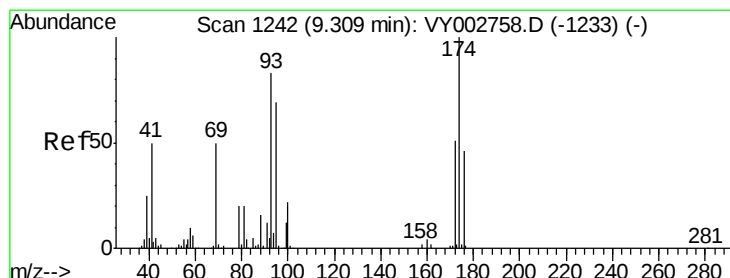
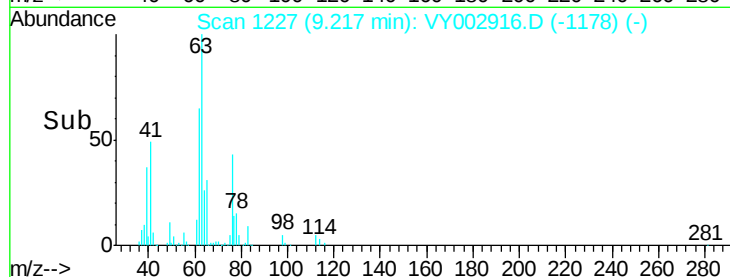
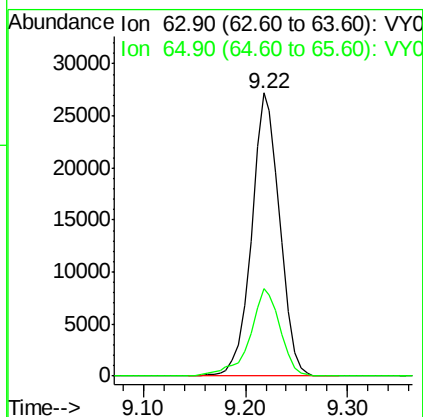
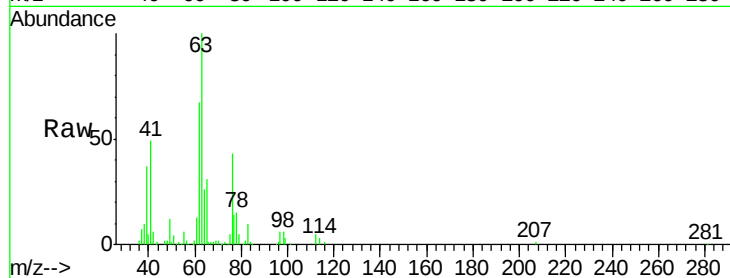
65 30.8 24.8 37.2

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#46

Dibromomethane

Concen: 23.616 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

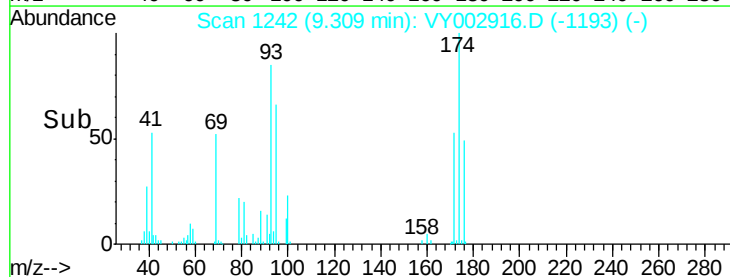
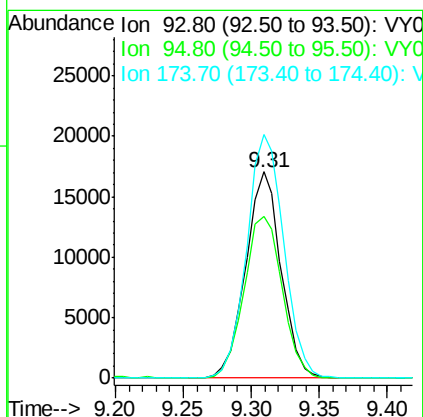
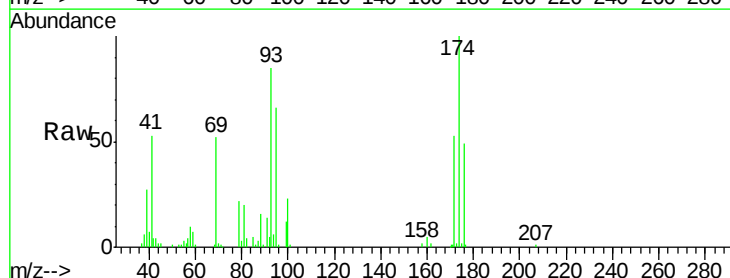
Tgt Ion: 93 Resp: 31211

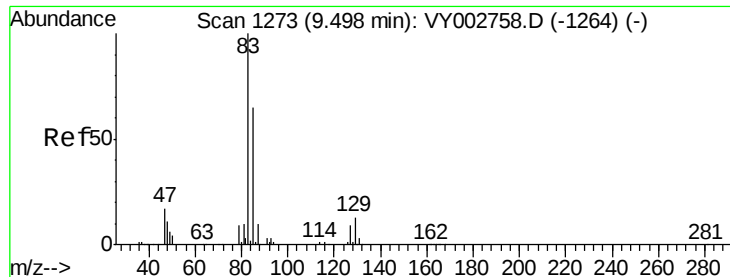
Ion Ratio Lower Upper

93 100

95 84.1 66.9 100.3

174 123.1 97.7 146.5





#47

Bromodichloromethane

Concen: 23.779 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

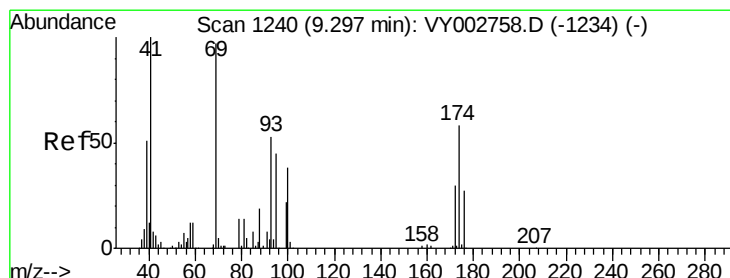
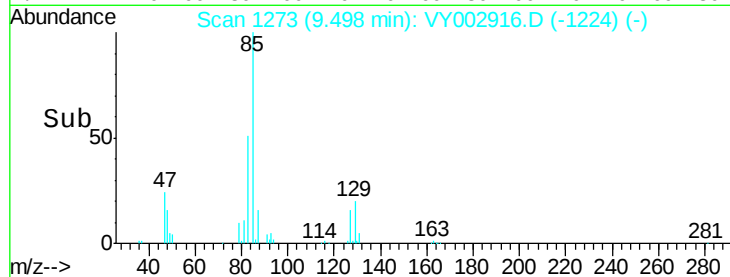
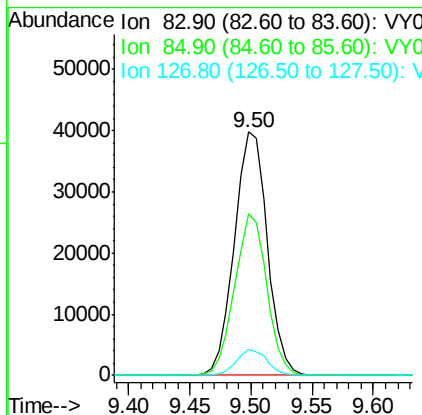
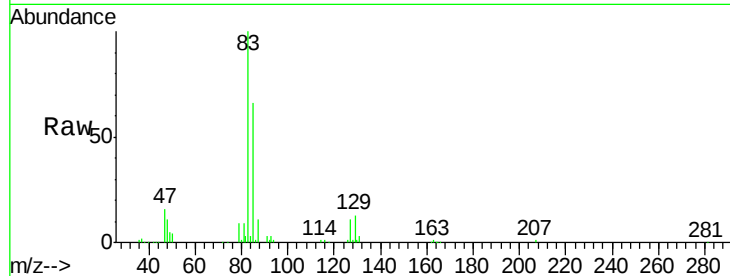
ClientSampleId :

VY0618SBS01

Tot Ion:	83	Resp:	74086
Ion Ratio	Lower	Upper	
83	100		
85	66.3	51.9	77.9
127	10.8	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 23.485 ug/l

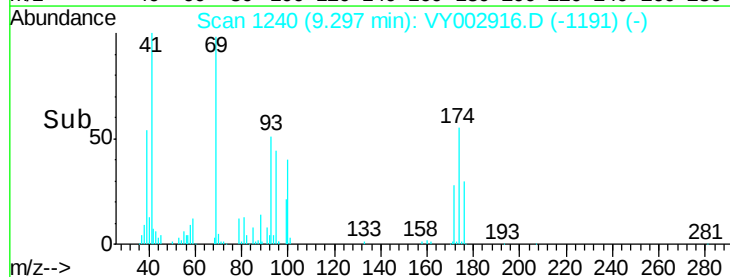
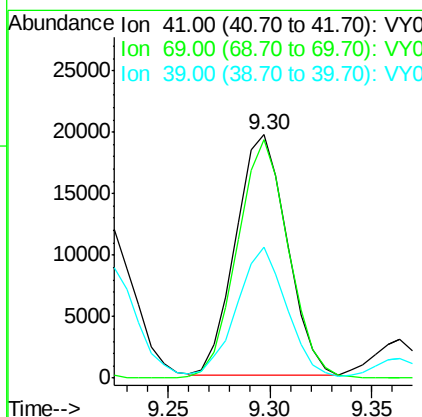
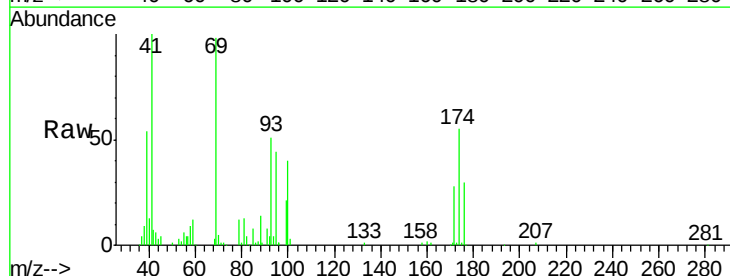
RT: 9.30 min Scan# 1240

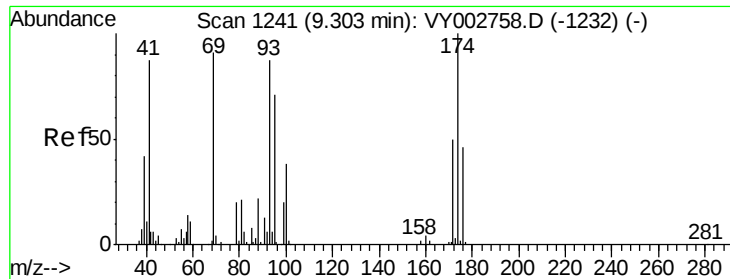
Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Tgt Ion:	41	Resp:	34328
Ion Ratio	Lower	Upper	
41	100		
69	98.5	79.7	119.5
39	53.2	43.3	64.9





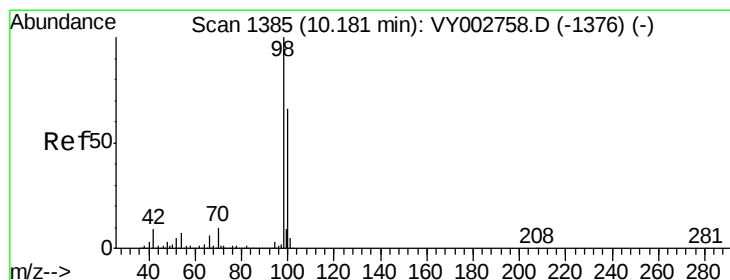
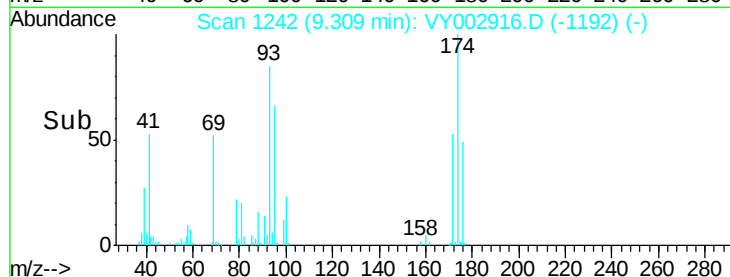
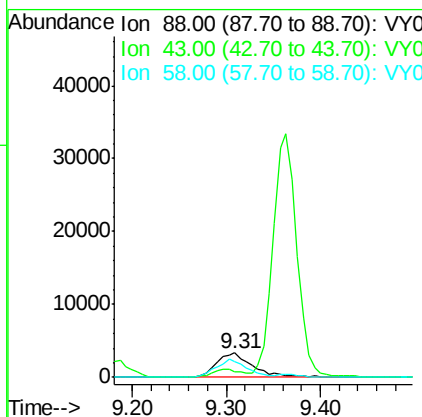
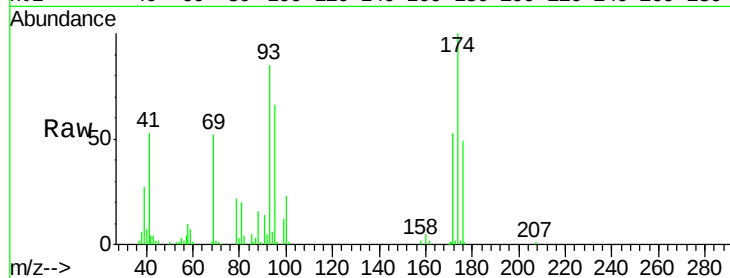
#49
1,4-Dioxane
Concen: 441.338 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	88	Resp	8956
Ion Ratio	100	Lower	Upper
88	100		
43	26.5	21.3	31.9
58	62.8	52.2	78.2

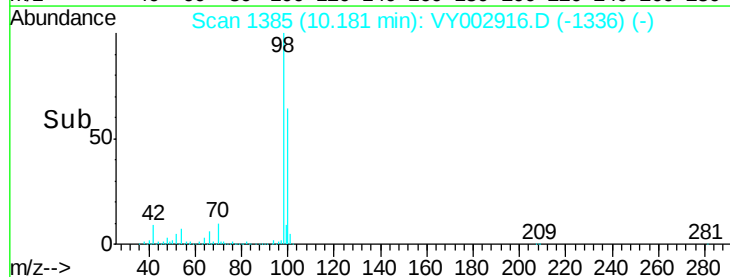
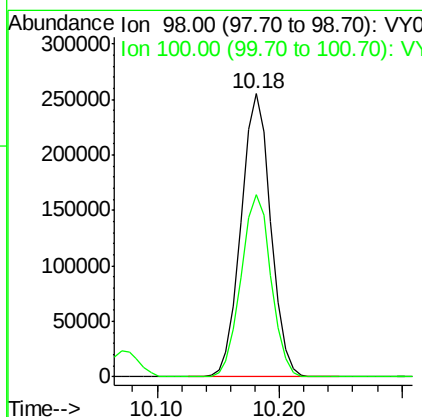
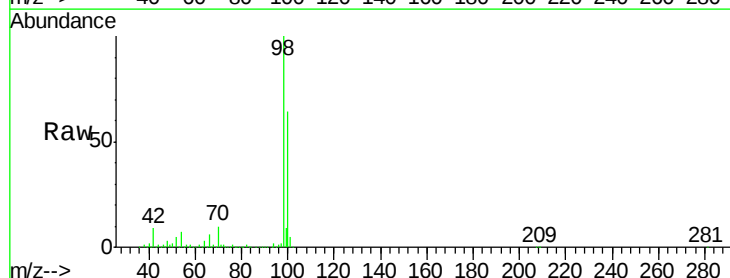
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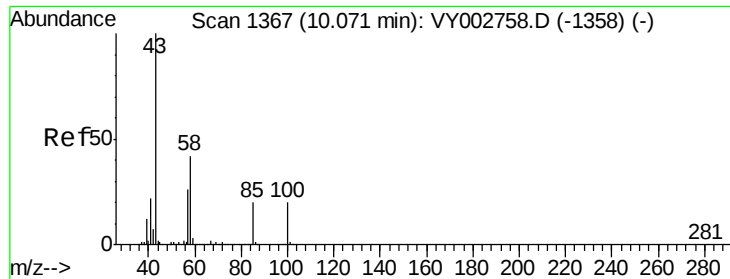
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#50
Toluene-d8
Concen: 48.601 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion	98	Resp	429347
Ion Ratio	100	Lower	Upper
98	100		
100	65.0	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 118.359 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 43 Resp: 202936

Ion Ratio Lower Upper

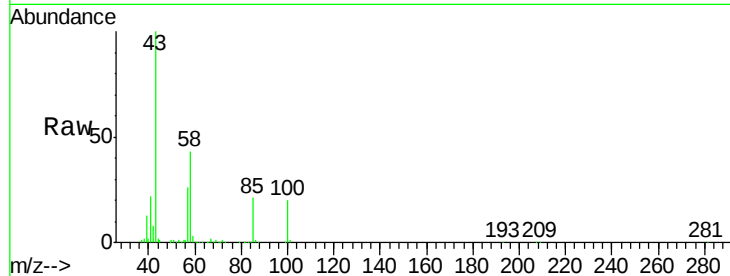
43 100

58 43.3 34.2 51.2

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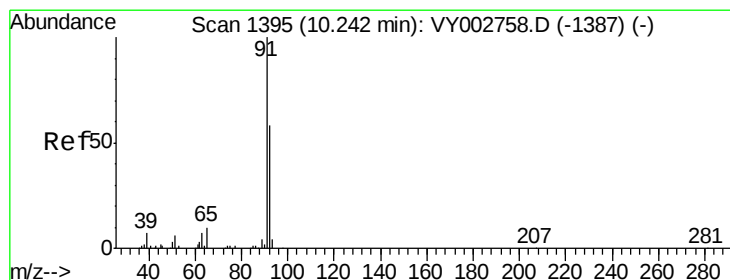
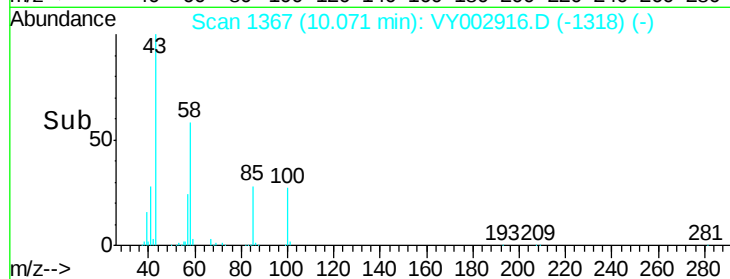
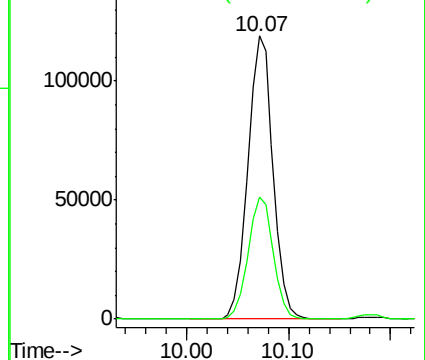
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 22.764 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY002916.D

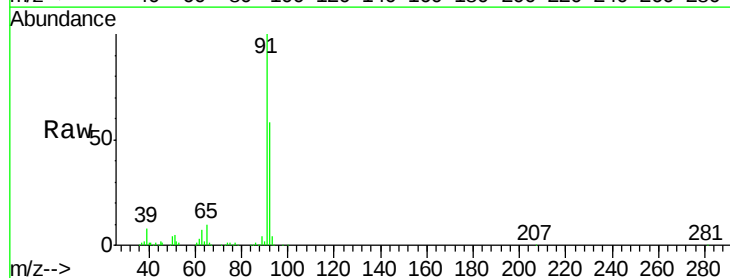
Acq: 18 Jun 2020 13:38

Tgt Ion: 92 Resp: 138188

Ion Ratio Lower Upper

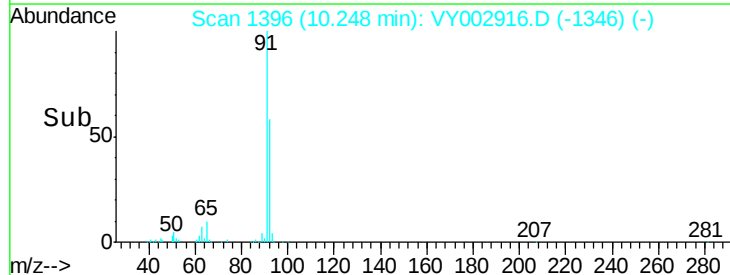
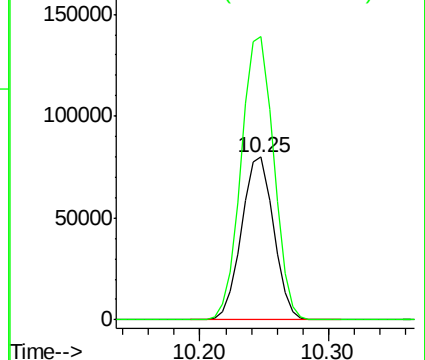
92 100

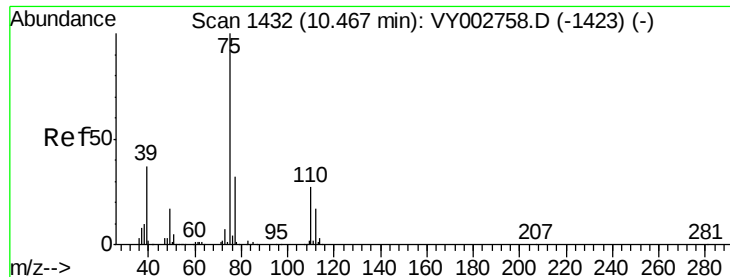
91 176.3 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 23.299 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 75 Resp: 79288

Ion Ratio Lower Upper

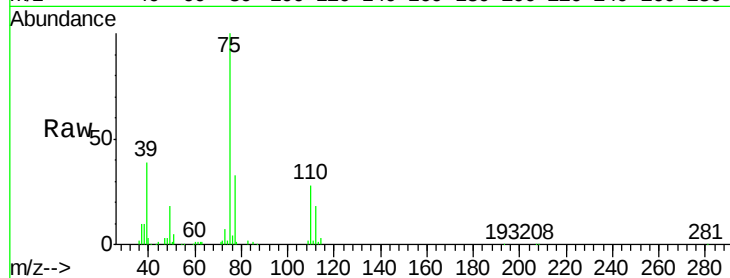
75 100

77 33.5 25.3 37.9

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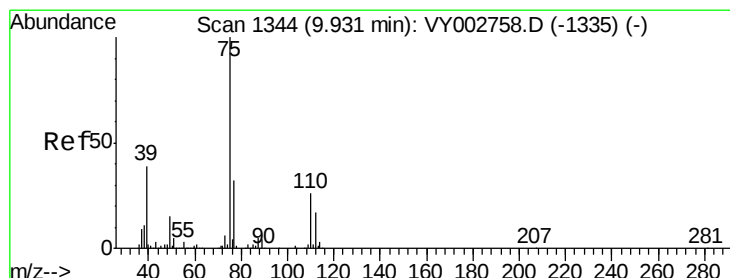
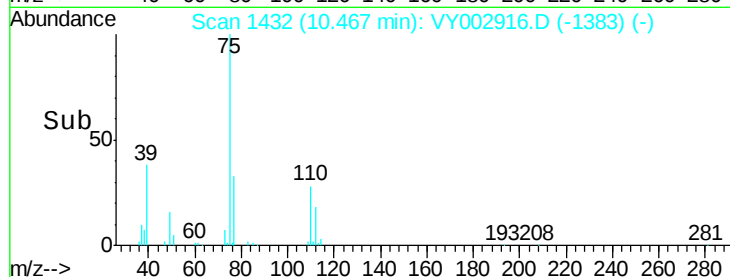
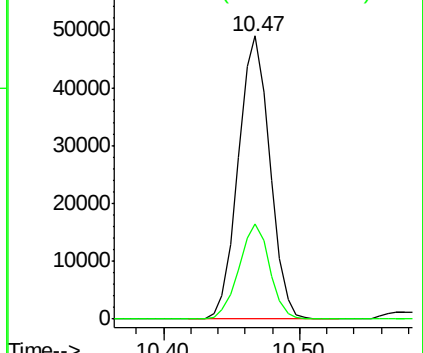
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Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 23.026 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

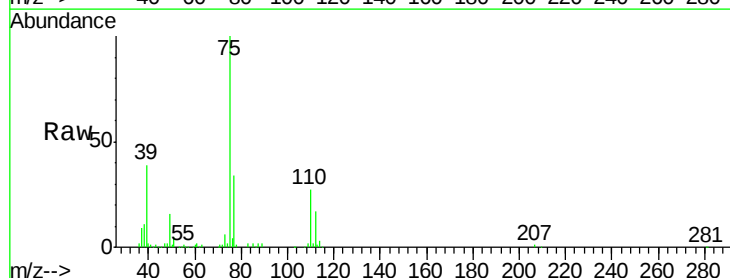
Tgt Ion: 75 Resp: 88789

Ion Ratio Lower Upper

75 100

77 33.7 25.6 38.4

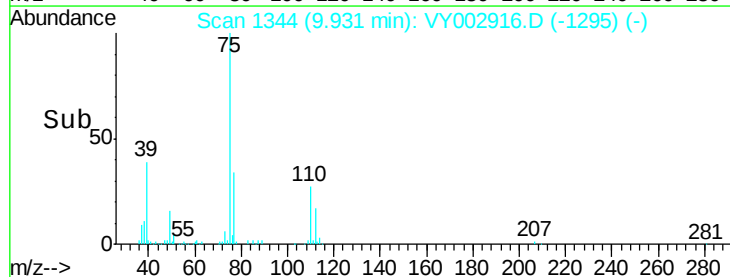
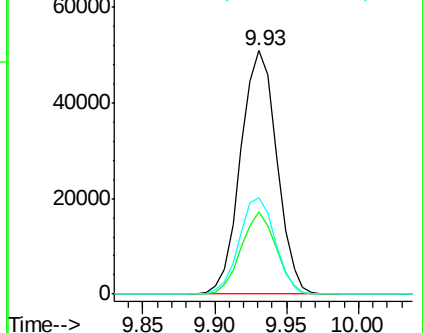
39 39.4 31.3 46.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





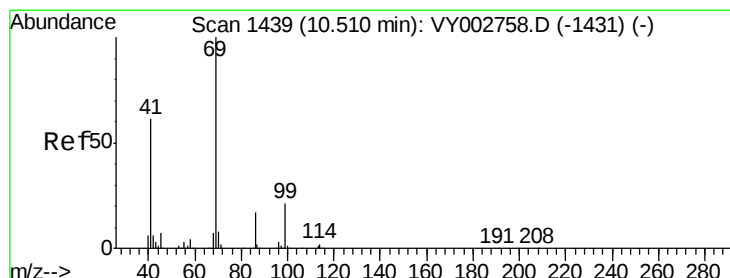
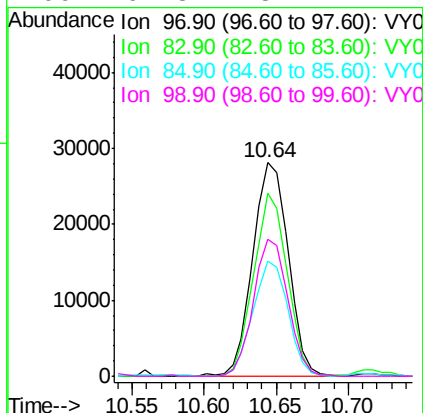
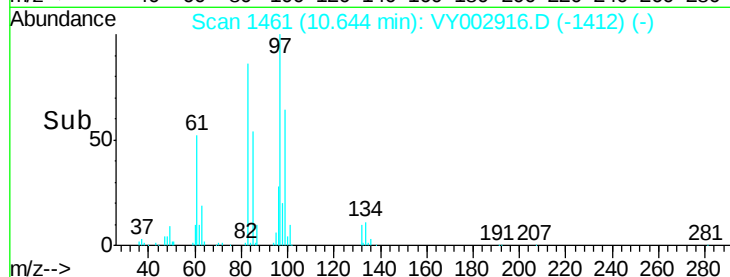
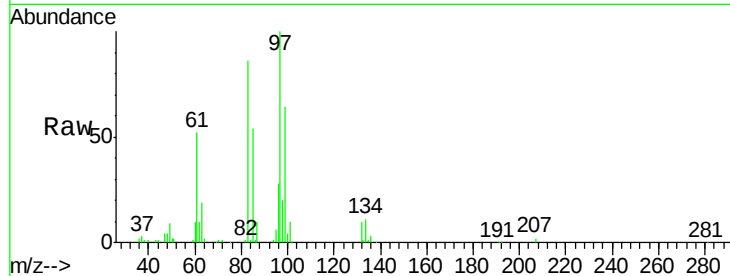
#55
 1,1,2-Trichloroethane
 Concen: 23.678 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion:	97	Resp:	47909
Ion	Ratio	Lower	Upper
97	100		
83	85.7	62.7	94.1
85	53.7	40.6	60.8
99	64.3	48.2	72.4

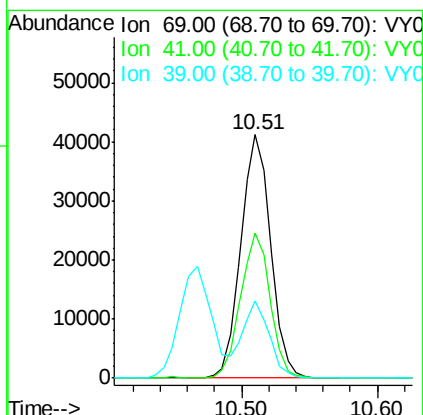
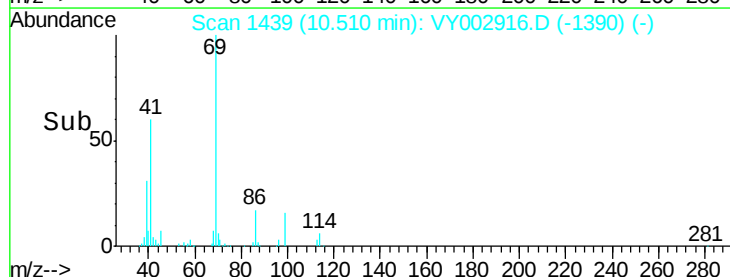
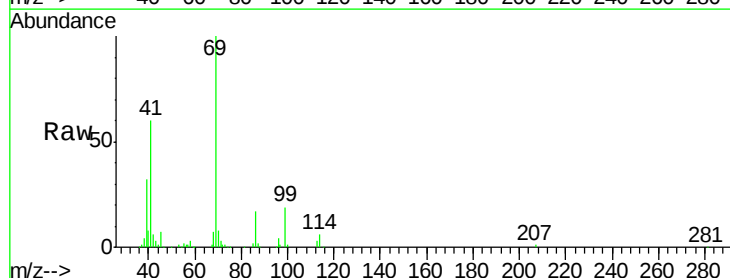
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#56
 Ethyl methacrylate
 Concen: 23.289 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Tgt Ion:	69	Resp:	63114
Ion	Ratio	Lower	Upper
69	100		
41	59.2	47.0	70.4
39	28.1	22.0	33.0





#57

1,3-Dichloropropane

Concen: 23.496 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 76 Resp: 78193

Ion Ratio Lower Upper

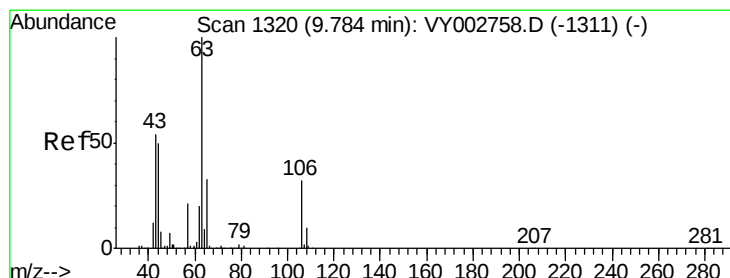
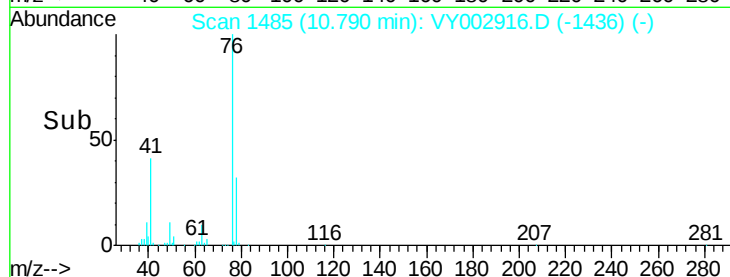
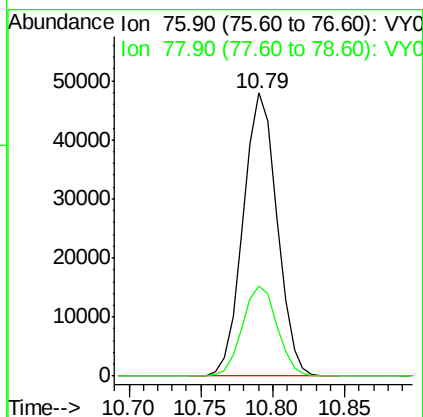
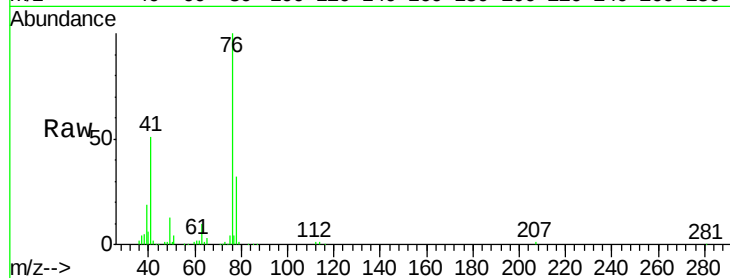
76 100

78 32.4 26.1 39.1

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#58

2-Chloroethyl Vinyl ether

Concen: 117.487 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002916.D

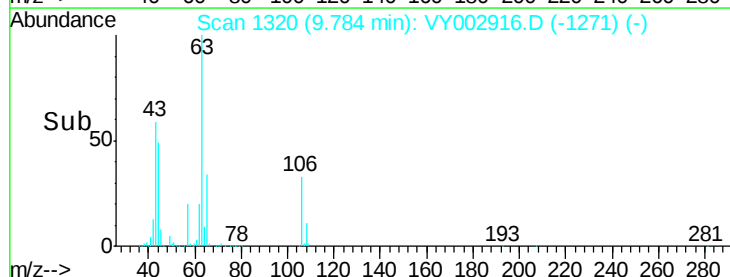
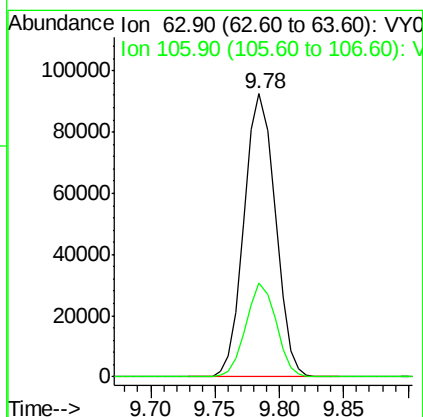
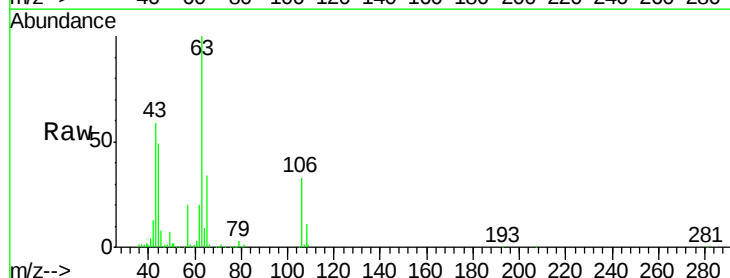
Acq: 18 Jun 2020 13:38

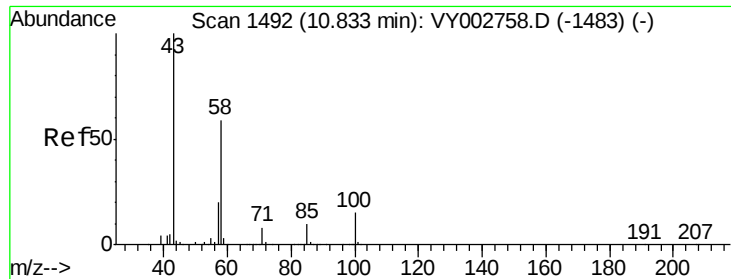
Tgt Ion: 63 Resp: 155578

Ion Ratio Lower Upper

63 100

106 32.0 25.4 38.2





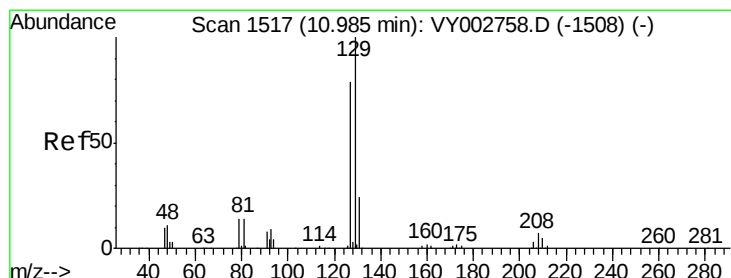
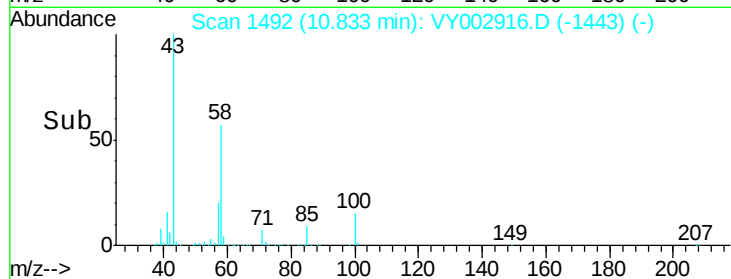
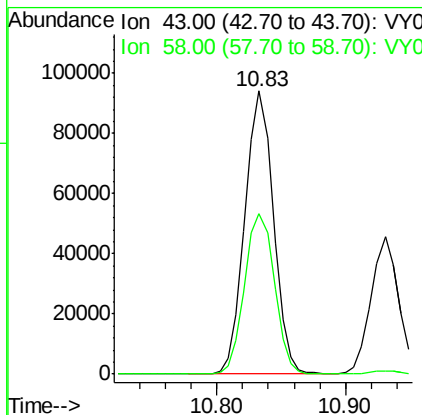
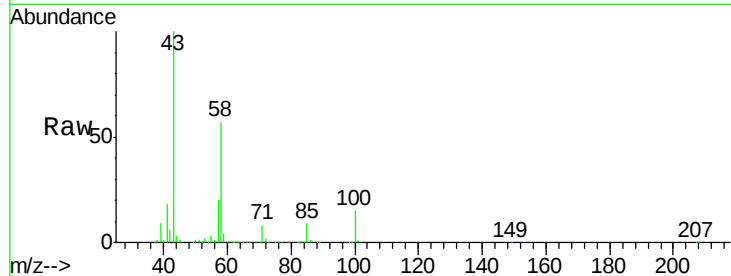
#59
2-Hexanone
Concen: 118.914 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion: 43 Resp: 144664
Ion Ratio Lower Upper
43 100
58 59.4 29.5 88.5

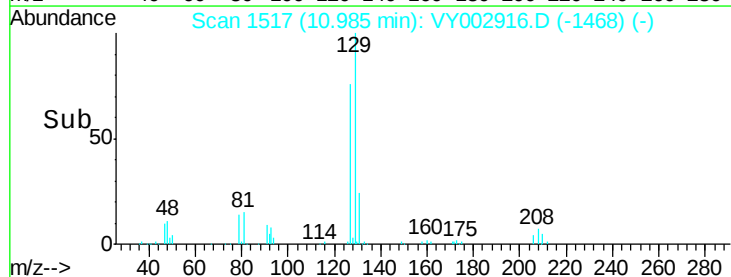
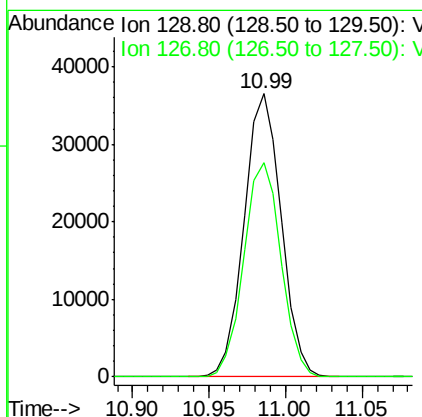
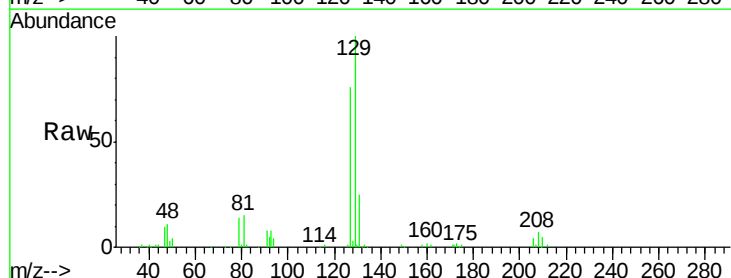
Manual Integrations
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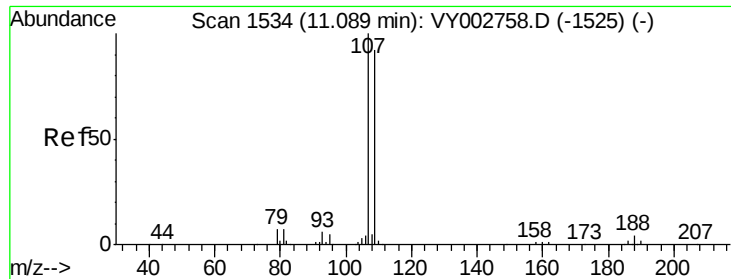
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#60
Dibromochloromethane
Concen: 24.001 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion: 129 Resp: 61569
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.3





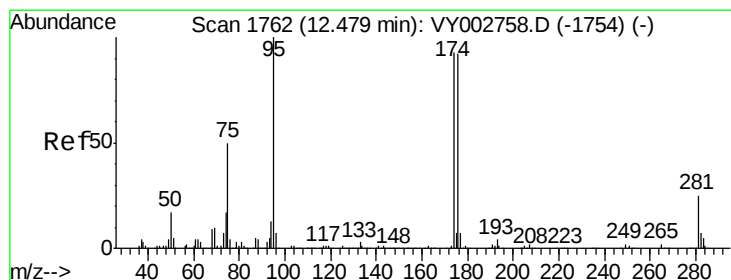
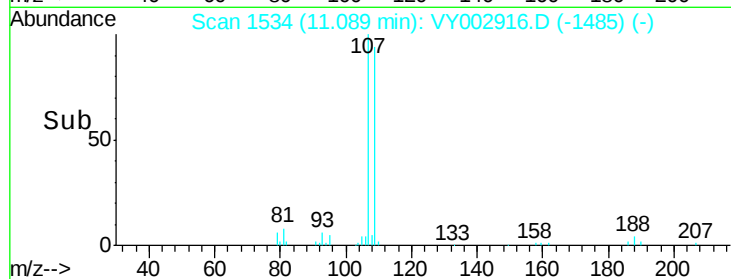
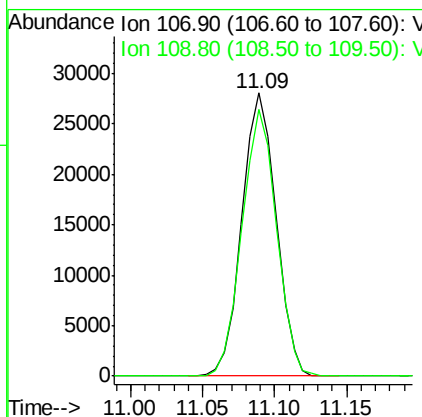
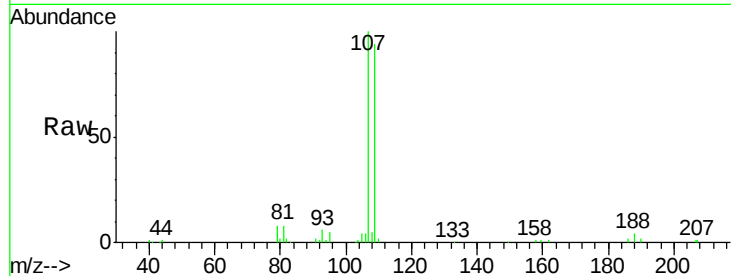
#61
1,2-Dibromoethane
Concen: 23.144 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion: 107 Resp: 46194
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4

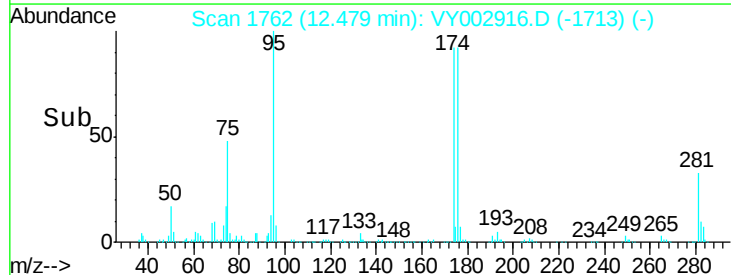
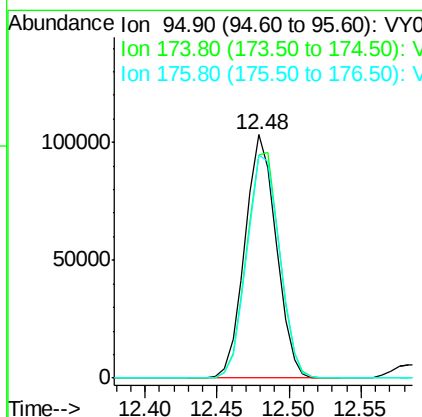
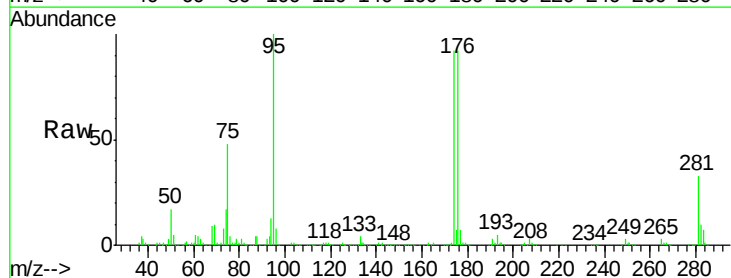
Manual Integrations
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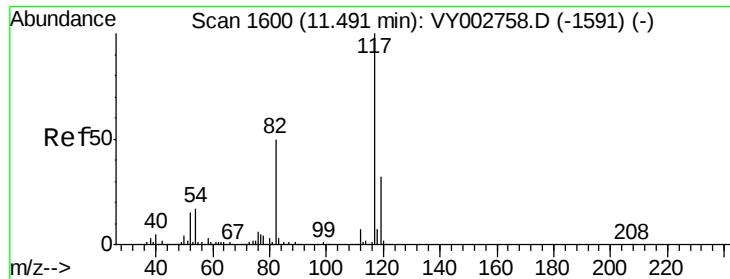
MMDadoda
6/19/2020 1:12:11 PM



#62
4-Bromofluorobenzene
Concen: 51.456 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion: 95 Resp: 155348
Ion Ratio Lower Upper
95 100
174 97.4 0.0 191.2
176 95.7 0.0 188.8





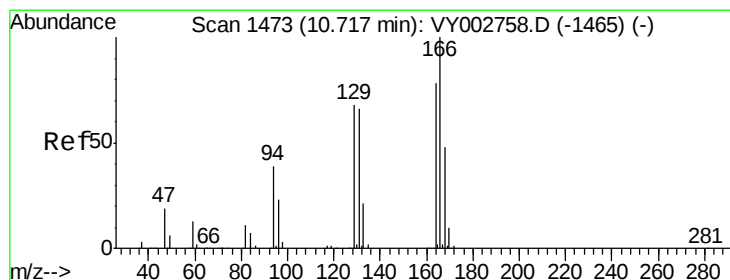
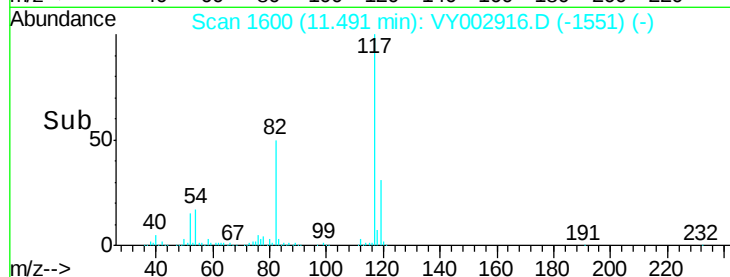
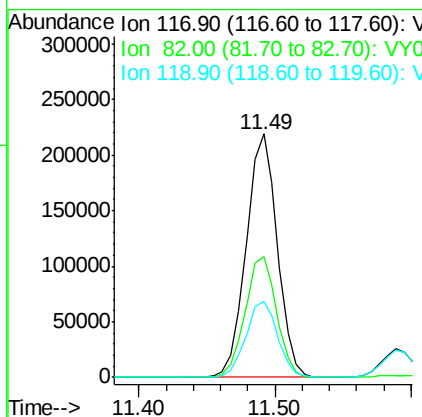
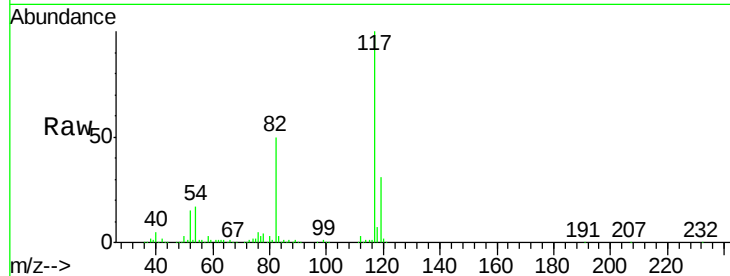
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.7	40.2	60.4
119	31.2	25.8	38.8

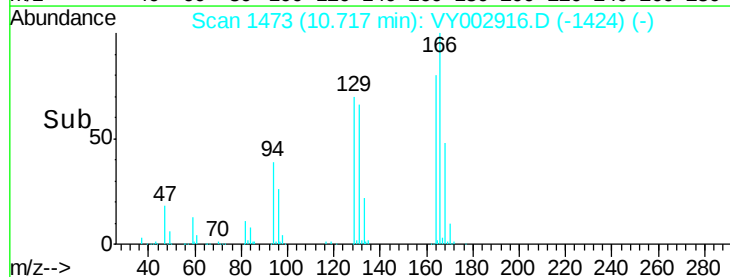
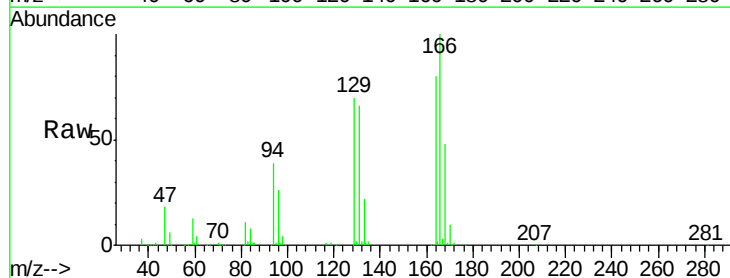
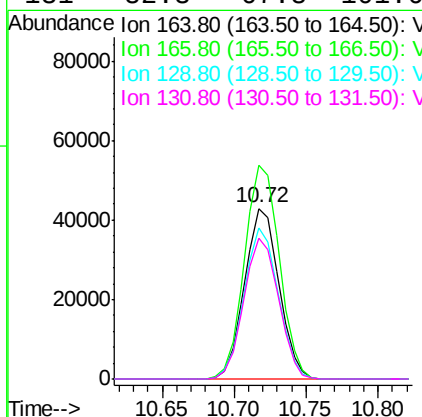
Manual Integrations
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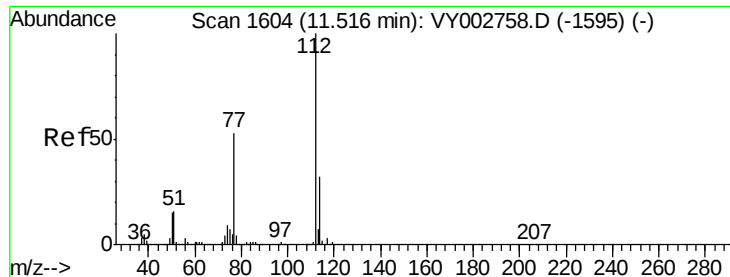
MMDadoda
6/19/2020 1:12:11 PM



#64
Tetrachloroethene
Concen: 22.343 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.0	102.3	153.5
129	88.1	69.4	104.2
131	82.3	67.8	101.6





#65

Chlorobenzene

Concen: 23.174 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion:112 Resp: 160274

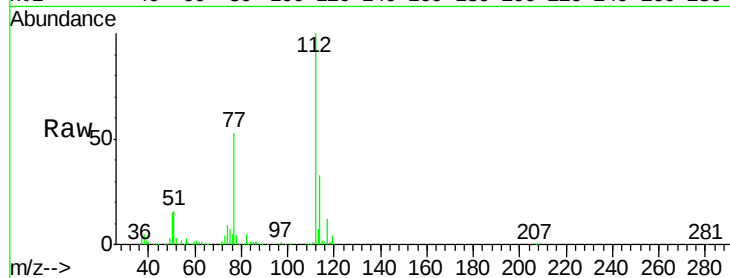
Ion Ratio Lower Upper

112 100

114 32.8 25.7 38.5

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

120000

100000

80000

60000

40000

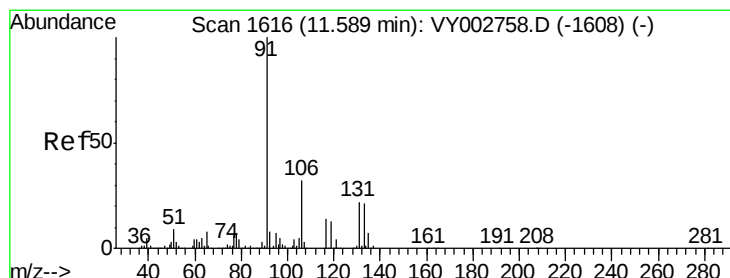
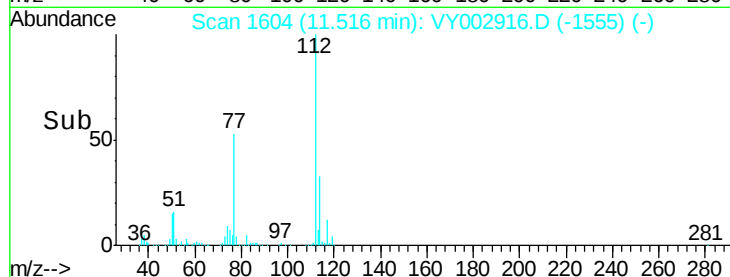
20000

0

11.50

11.60

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 23.658 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

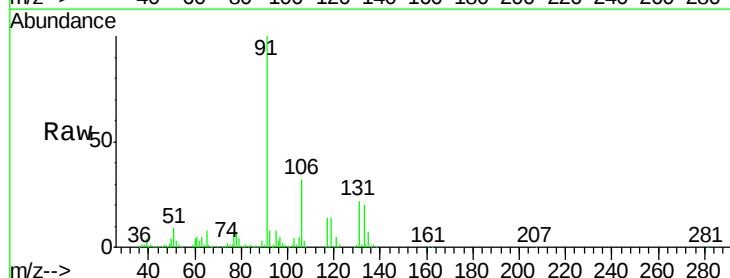
Tgt Ion:131 Resp: 61624

Ion Ratio Lower Upper

131 100

133 95.0 47.6 142.8

119 63.5 31.7 95.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

80000

60000

40000

20000

0

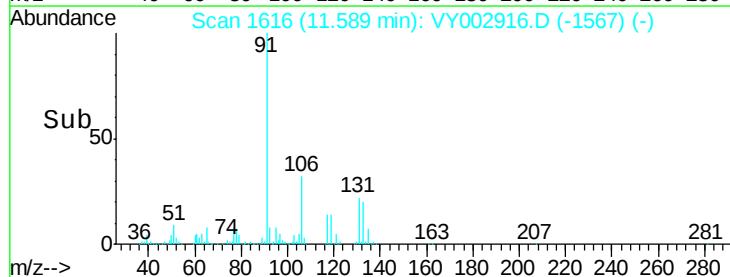
11.50

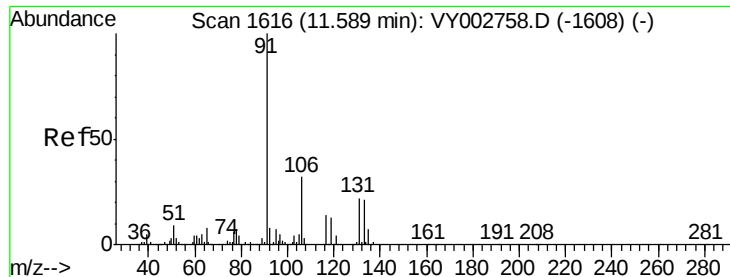
11.55

11.60

11.65

Time-->





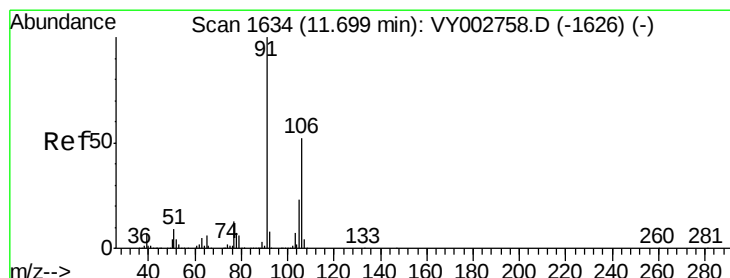
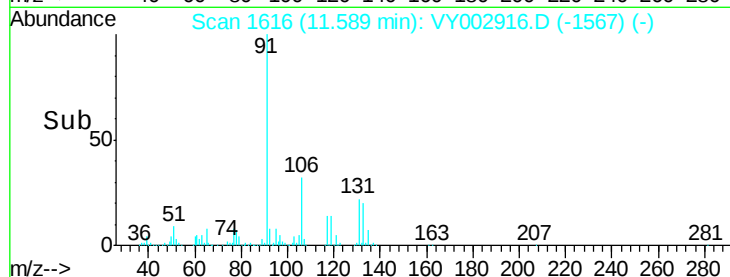
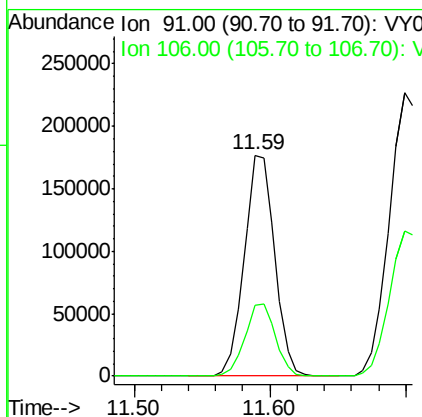
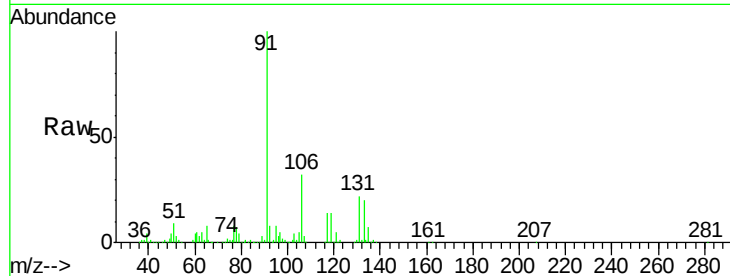
#67
Ethyl Benzene
Concen: 23.023 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion: 91 Resp: 276055
Ion Ratio Lower Upper
91 100
106 32.3 25.7 38.5

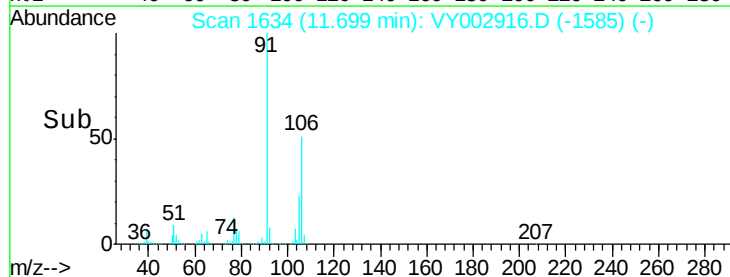
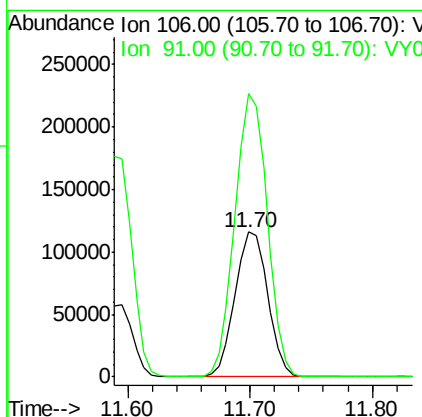
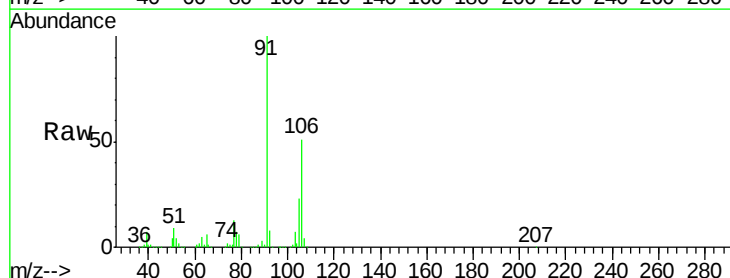
Manual Integrations
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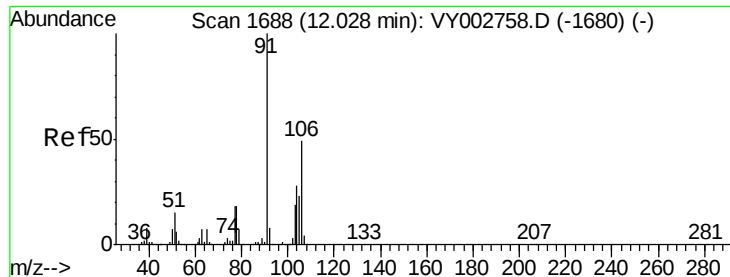
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#68
m/p-Xylenes
Concen: 46.281 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion: 106 Resp: 215150
Ion Ratio Lower Upper
106 100
91 194.2 156.0 234.0





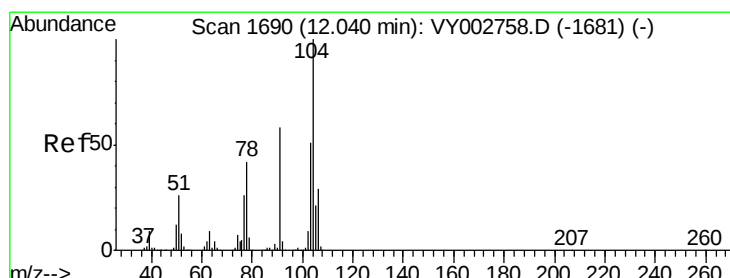
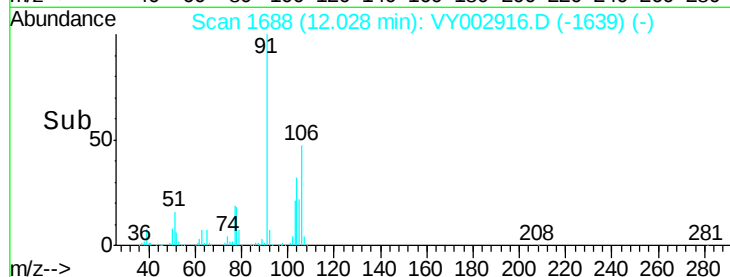
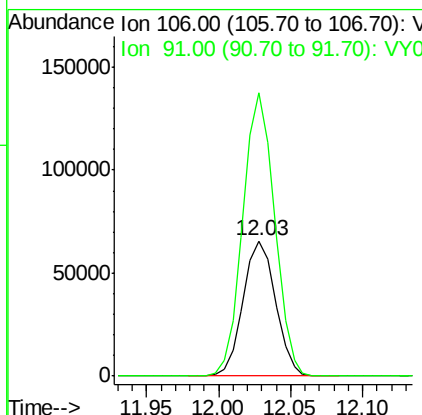
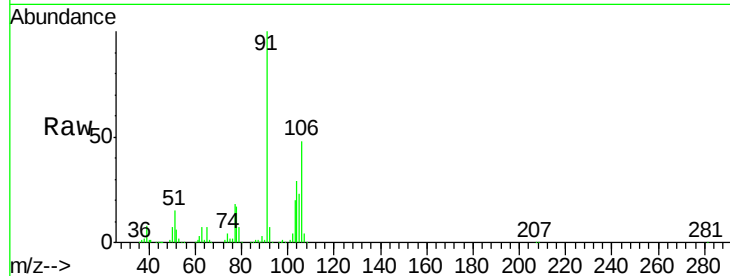
#69
o-Xylene
Concen: 23.329 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	205.5	102.4	307.1

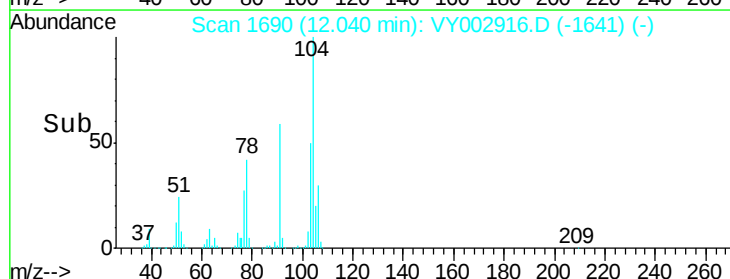
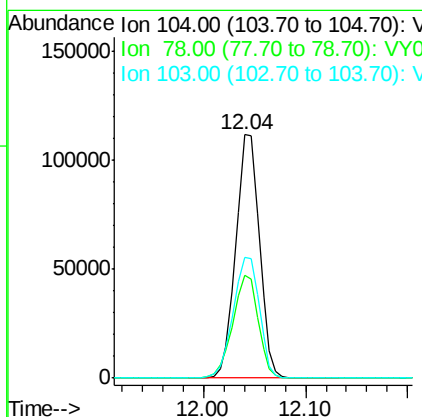
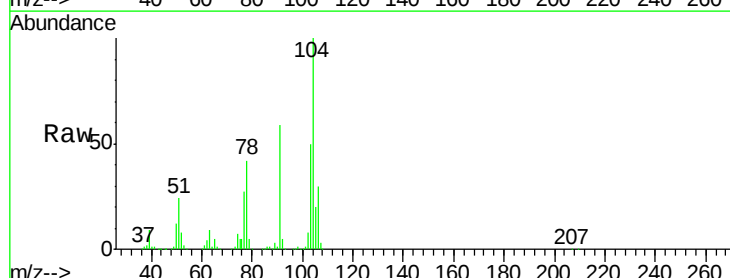
Manual Integrations
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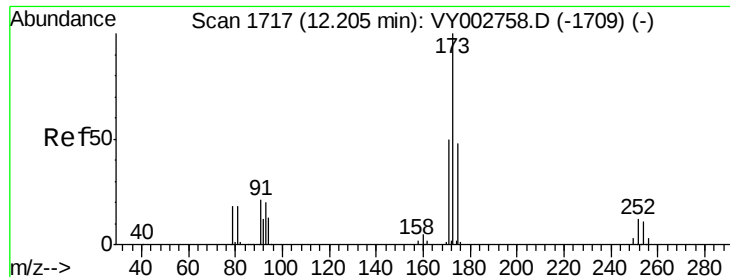
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#70
Styrene
Concen: 23.436 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	45.5	36.2	54.4
103	103	54.9	43.6	65.4





#71

Bromoform

Concen: 24.382 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion:173 Resp: 42496

Ion Ratio Lower Upper

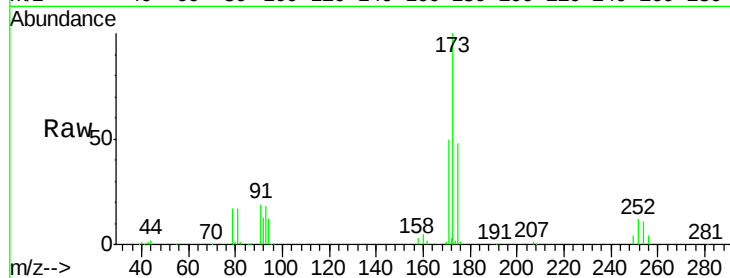
173 100

175 48.8 24.3 72.8

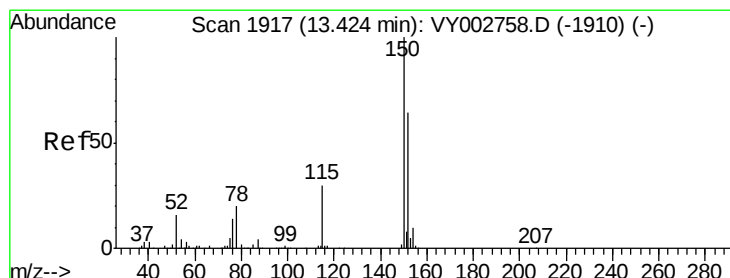
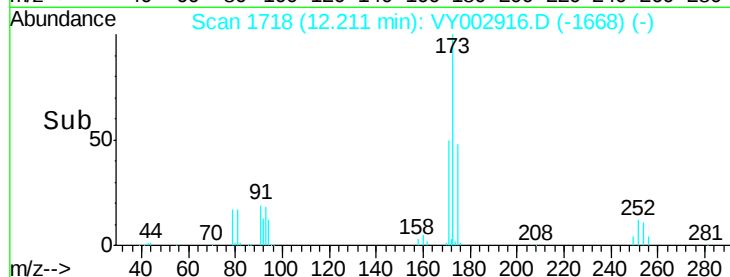
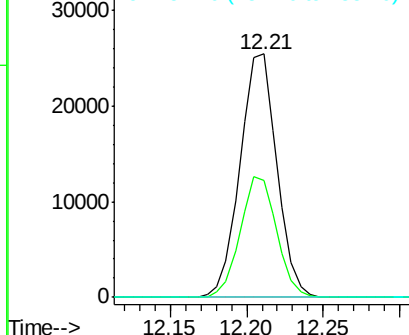
254 0.0 0.1 0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

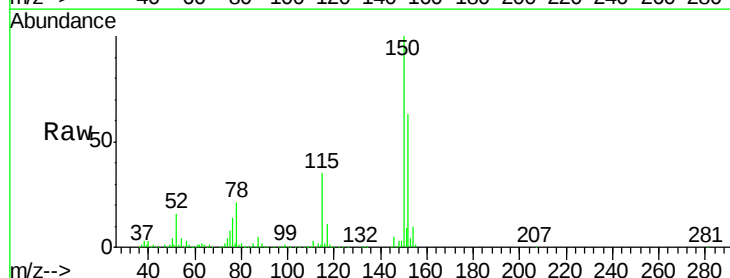
Tgt Ion:152 Resp: 194698

Ion Ratio Lower Upper

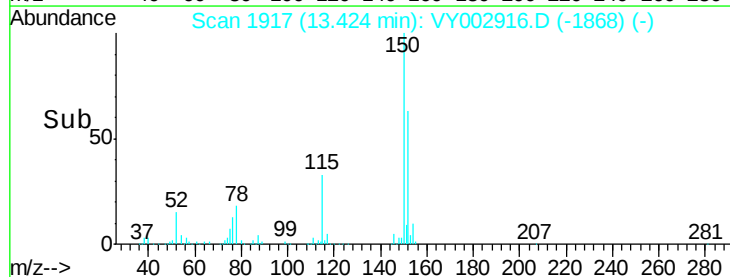
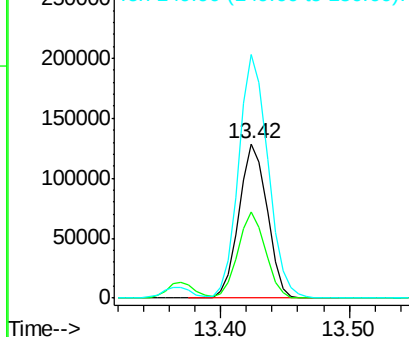
152 100

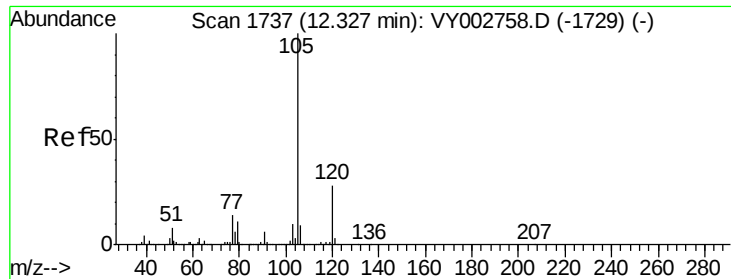
115 54.6 27.0 81.0

150 165.0 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.414 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 105 Resp: 279659

Ion Ratio Lower Upper

105 100

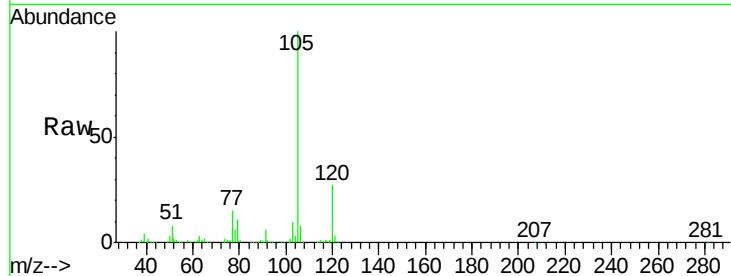
120 27.8 13.7 41.1

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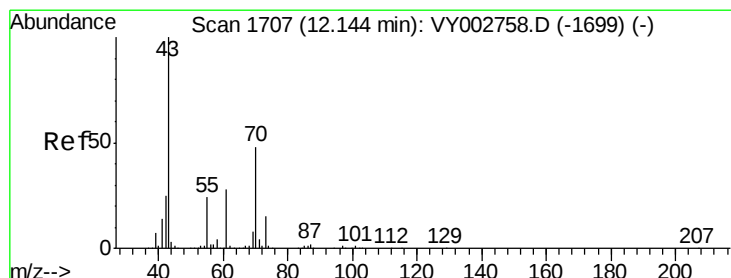
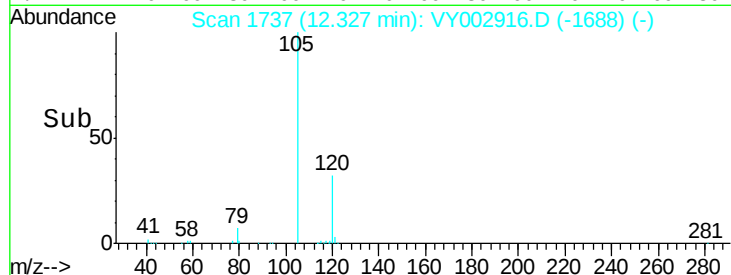
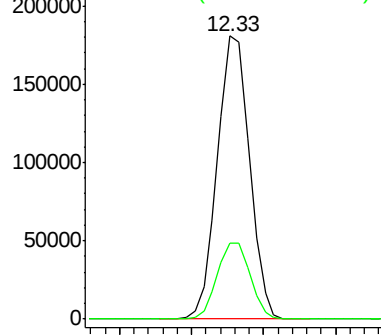
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.696 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Tgt Ion: 43 Resp: 72659

Ion Ratio Lower Upper

43 100

70 49.1 37.7 56.5

55 24.7 19.8 29.6

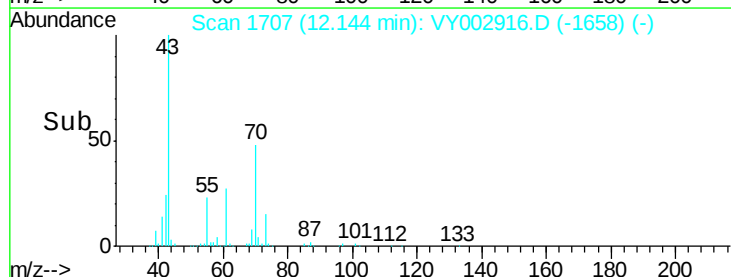
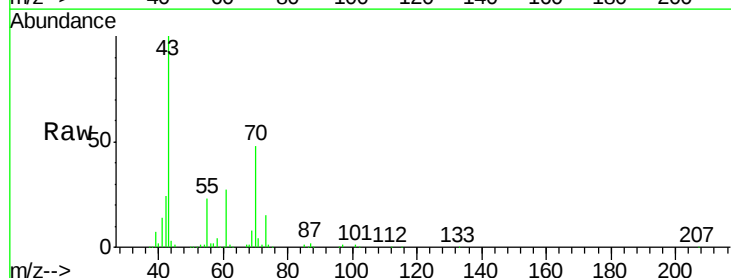
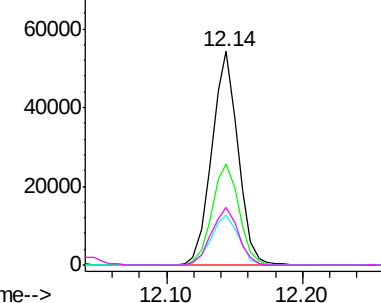
61 27.5 21.7 32.5

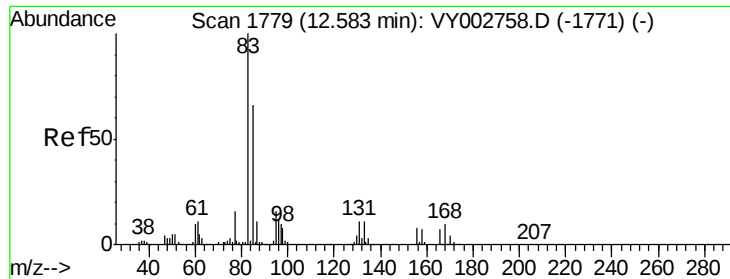
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 24.315 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

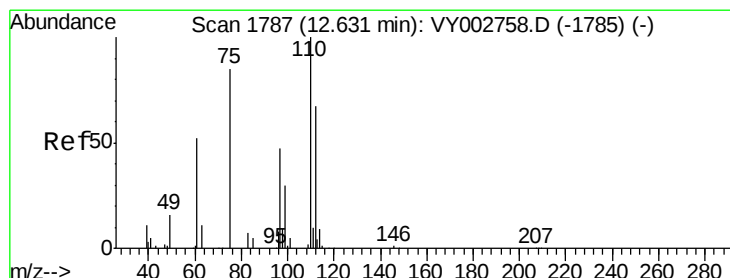
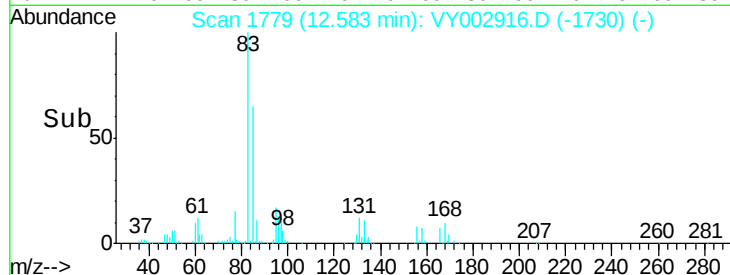
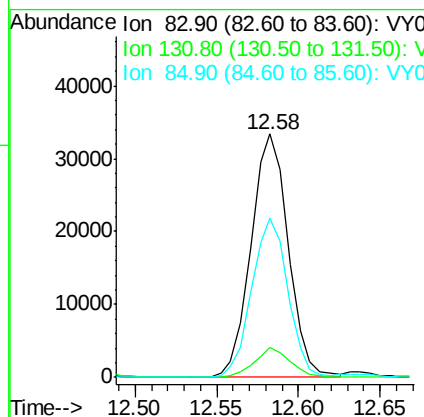
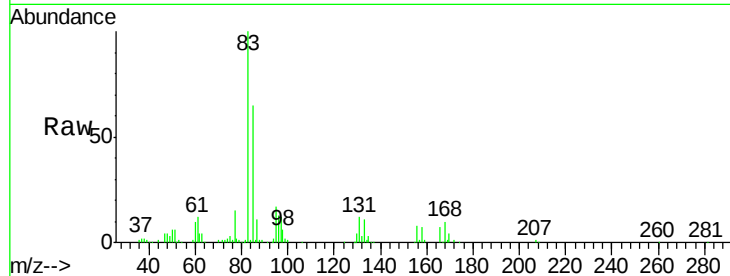
ClientSampleId :

VY0618SBS01

Tot Ion:	83	Resp:	53229
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.8	17.4
85	63.4	32.6	98.0

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#76

1,2,3-Trichloropropane

Concen: 23.117 ug/l m

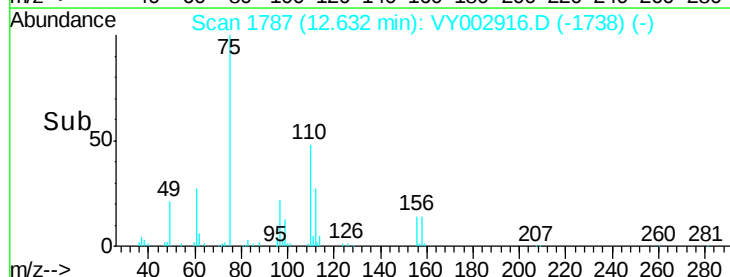
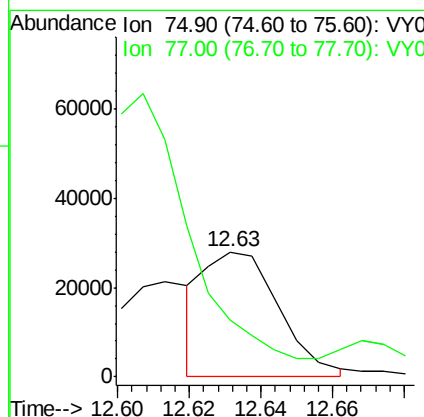
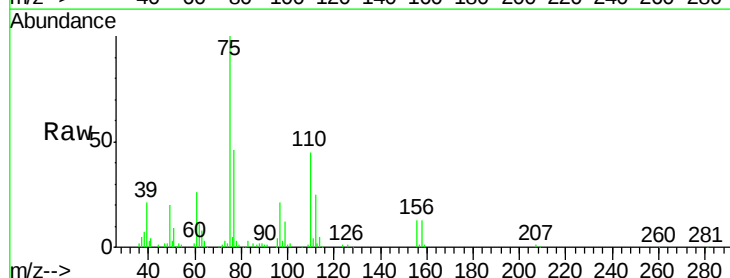
RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Tgt Ion:	75	Resp:	40556
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.750 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

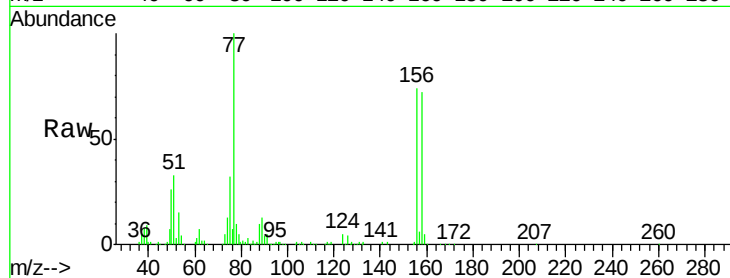
ClientSampleId :

VY0618SBS01

Tot Ion:	156	Resp:	73911
Ion Ratio	Lower	Upper	
156	100		
77	159.5	81.4	244.2
158	96.5	48.5	145.6

Manual Integrations
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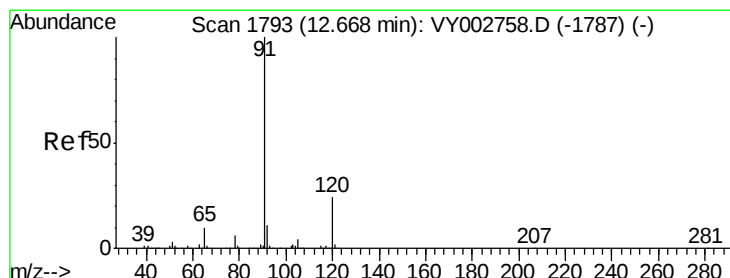
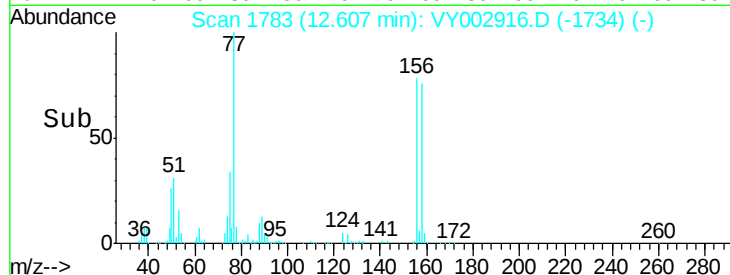
Abundance Ion 155.80 (155.50 to 156.50): VY002758.D (-1775) (-)

Ion 77.00 (76.70 to 77.70): VY002758.D (-1775) (-)

Ion 157.80 (157.50 to 158.50): VY002758.D (-1775) (-)

12.61

Time-->



#78

n-propylbenzene

Concen: 22.480 ug/l

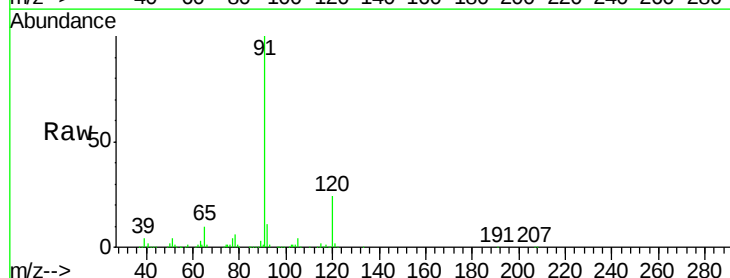
RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Tgt Ion:	91	Resp:	323990
Ion Ratio	Lower	Upper	
91	100		
120	24.7	12.3	36.9

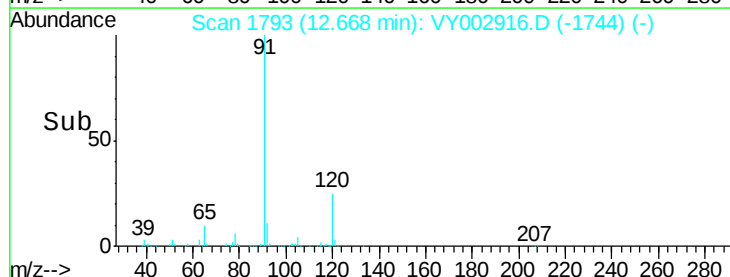


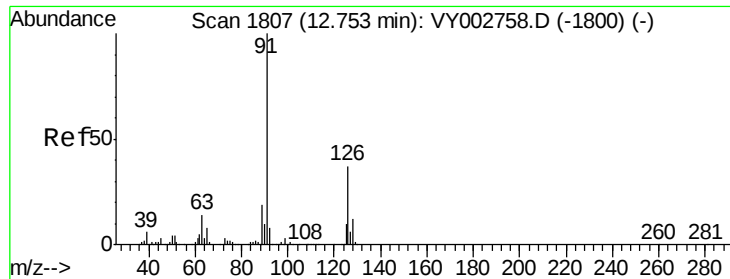
Abundance Ion 91.00 (90.70 to 91.70): VY002758.D (-1787) (-)

Ion 120.00 (119.70 to 120.70): VY002758.D (-1787) (-)

12.67

Time-->





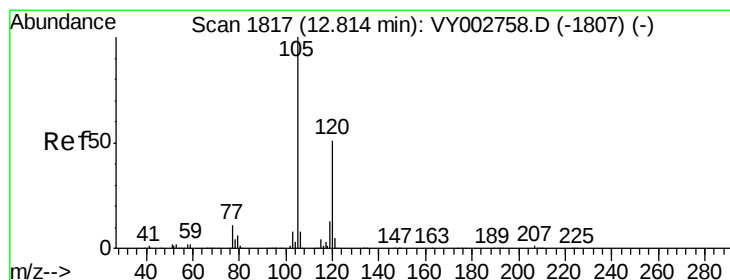
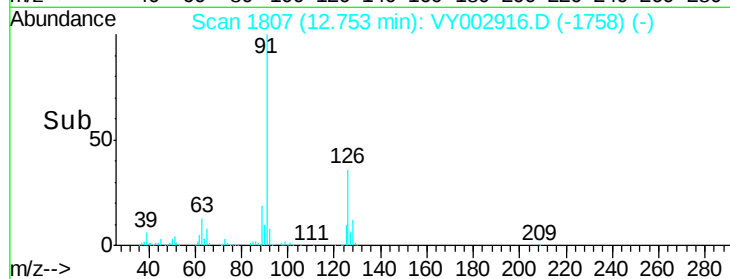
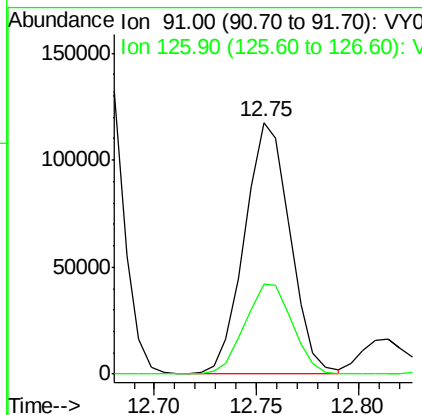
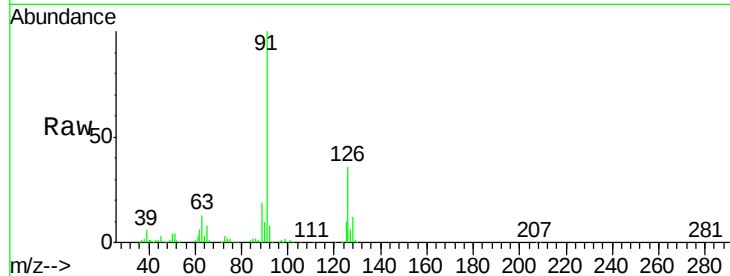
#79
 2-Chlorotoluene
 Concen: 22.541 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion: 91 Resp: 182236
 Ion Ratio Lower Upper
 91 100
 126 37.3 18.4 55.4

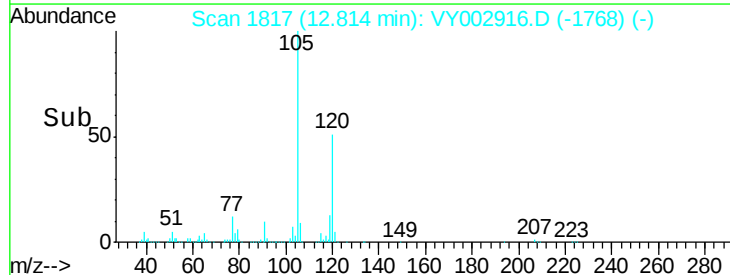
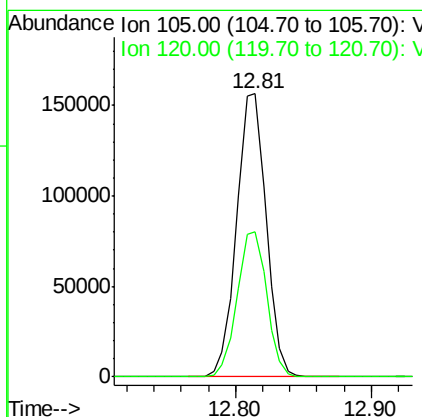
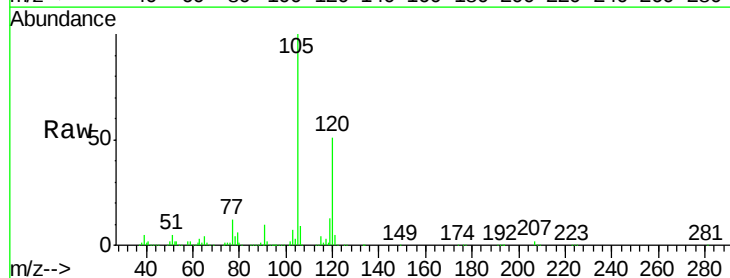
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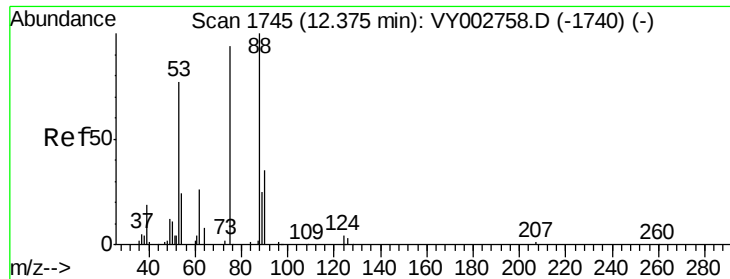
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#80
 1,3,5-Trimethylbenzene
 Concen: 22.735 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Tgt Ion: 105 Resp: 236850
 Ion Ratio Lower Upper
 105 100
 120 51.4 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 22.396 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

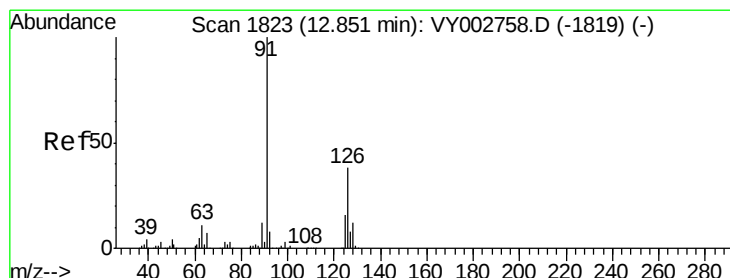
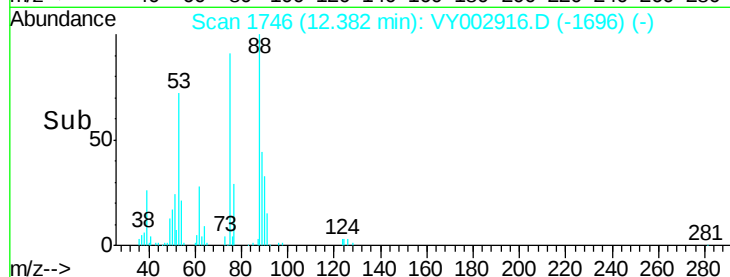
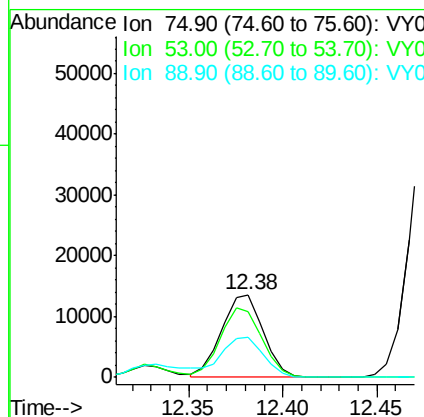
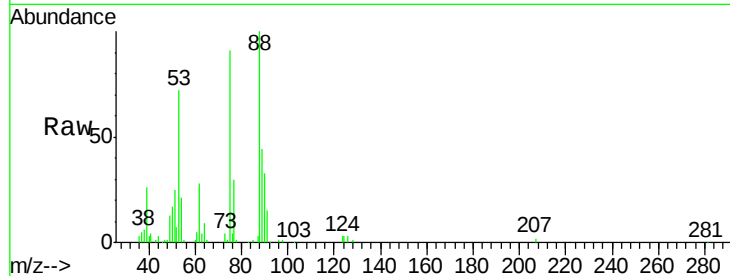
ClientSampleId :

VY0618SBS01

Tot Ion:	75	Resp:	20855
Ion Ratio	Lower	Upper	
75	100		
53	83.6	64.0	96.0
89	50.8	37.4	56.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 22.952 ug/l

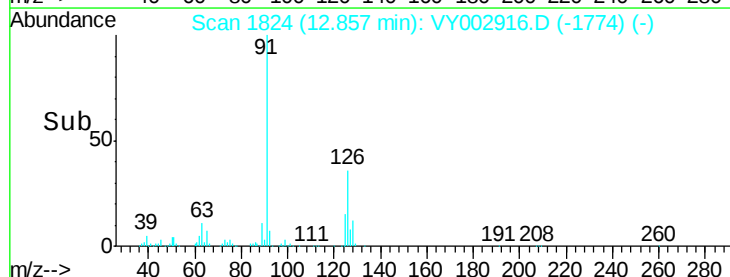
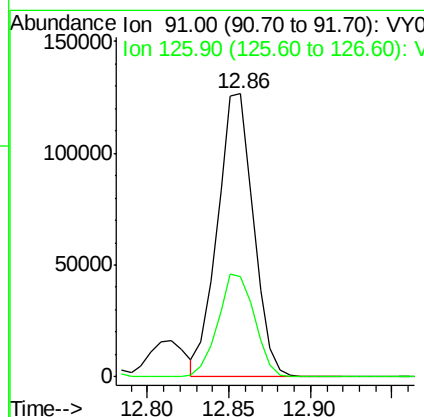
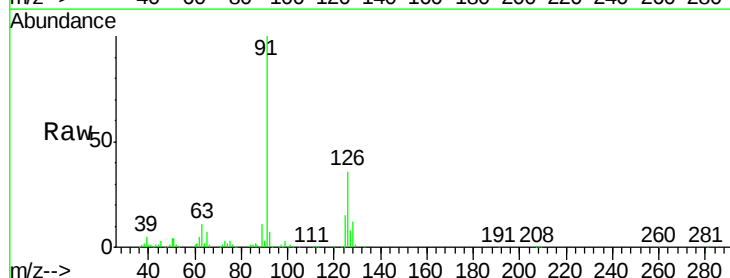
RT: 12.86 min Scan# 1824

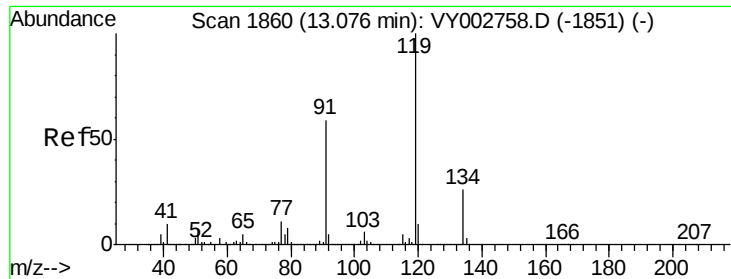
Delta R.T. 0.01 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Tgt Ion:	91	Resp:	194414
Ion Ratio	Lower	Upper	
91	100		
126	37.0	18.5	55.5





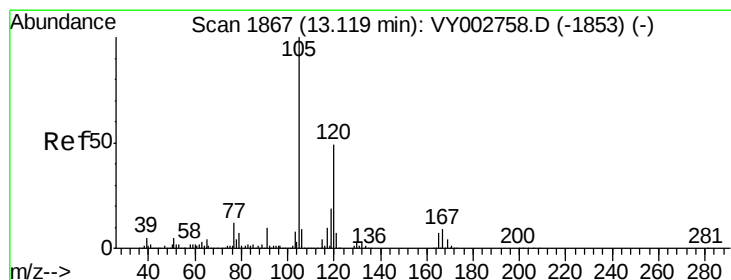
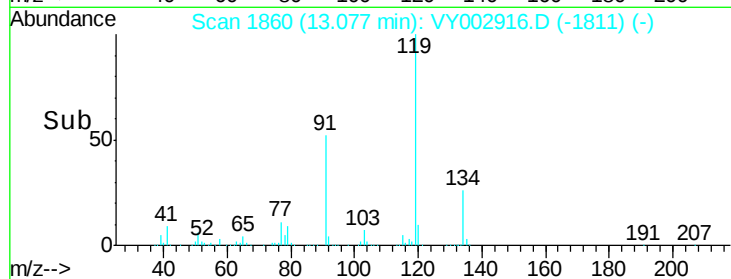
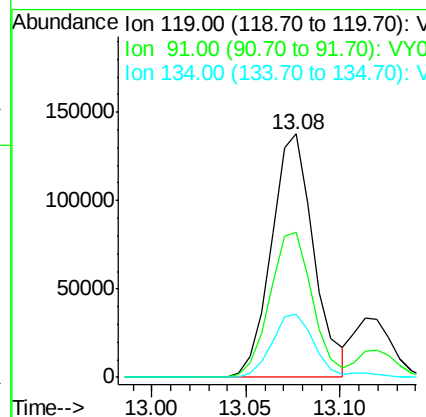
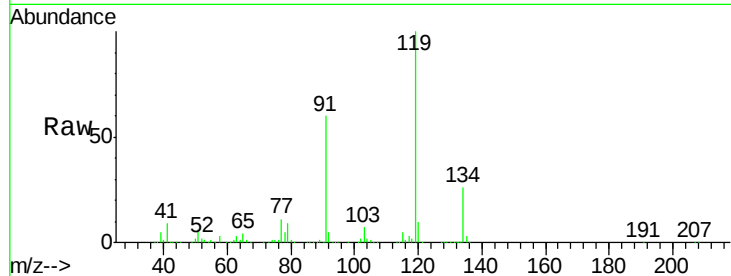
#83
tert-Butylbenzene
Concen: 23.059 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	214282		
91	59.9		29.8	89.4
134	27.1		13.3	39.8

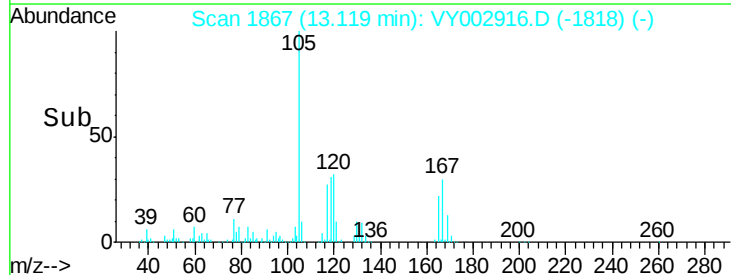
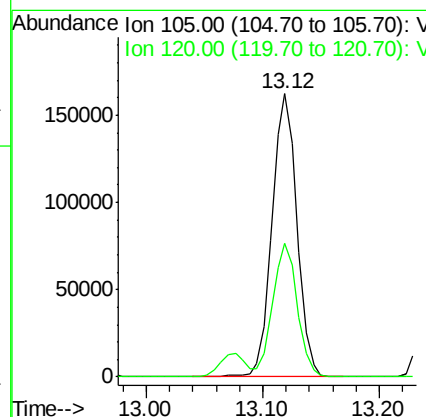
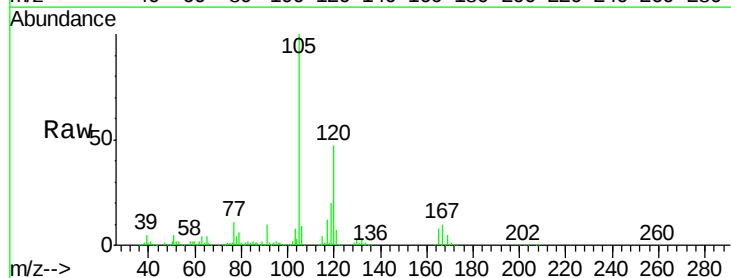
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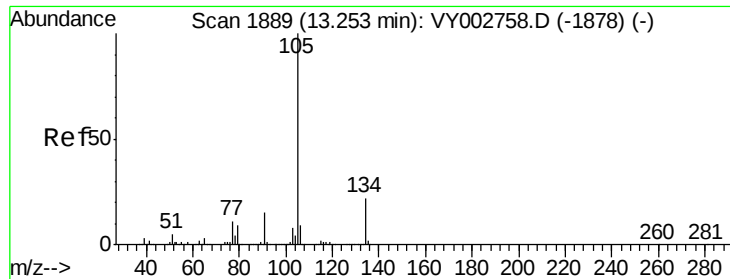
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#84
1,2,4-Trimethylbenzene
Concen: 23.049 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	241439		
120	46.2		23.6	70.8





#85

sec-Butylbenzene

Concen: 22.956 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion:105 Resp: 291678

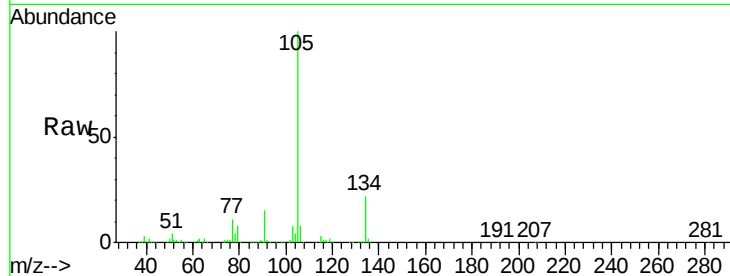
Ion Ratio Lower Upper

105 100

134 21.9 10.8 32.4

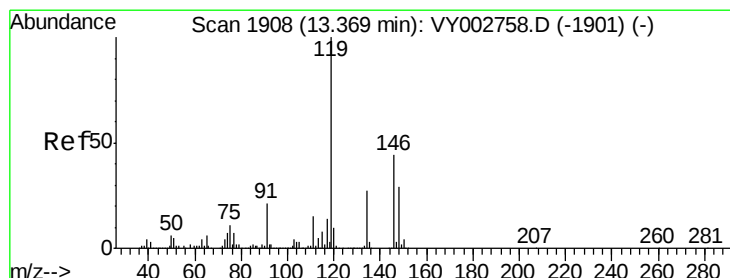
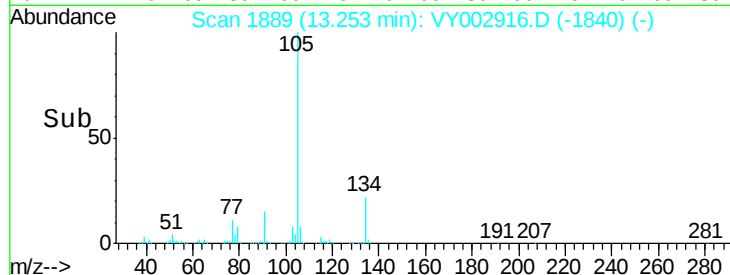
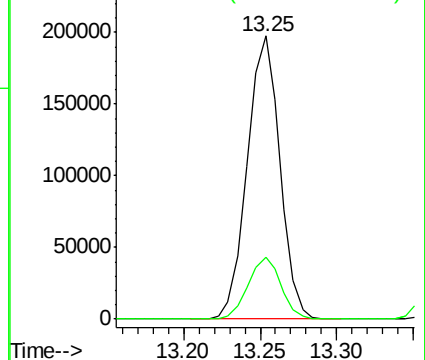
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 23.248 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

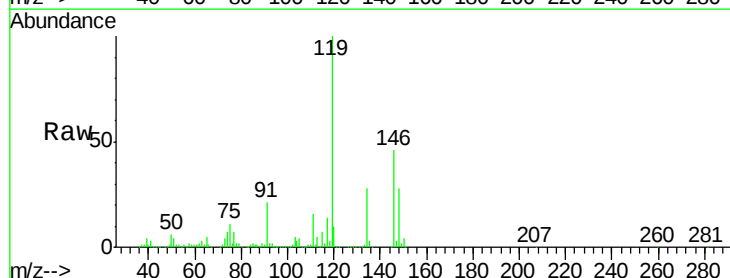
Tgt Ion:119 Resp: 274861

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.0

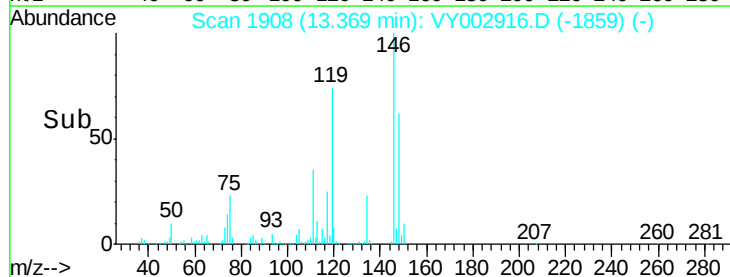
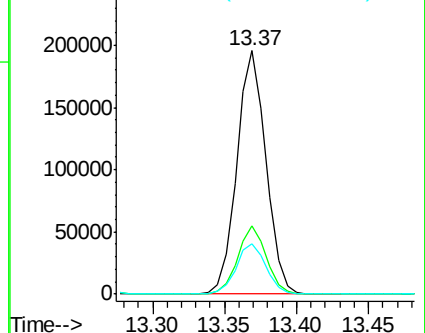
91 21.1 10.8 32.4

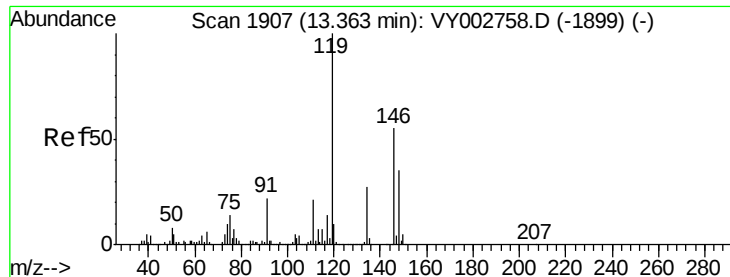


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





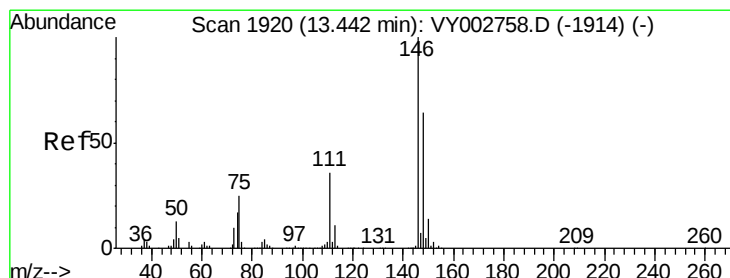
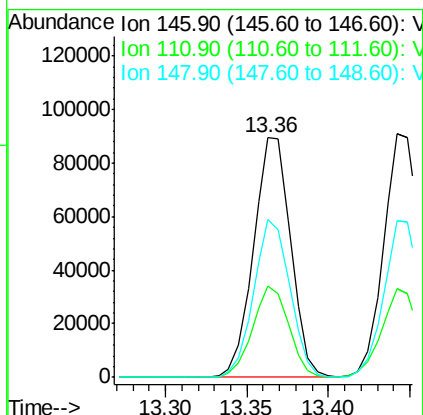
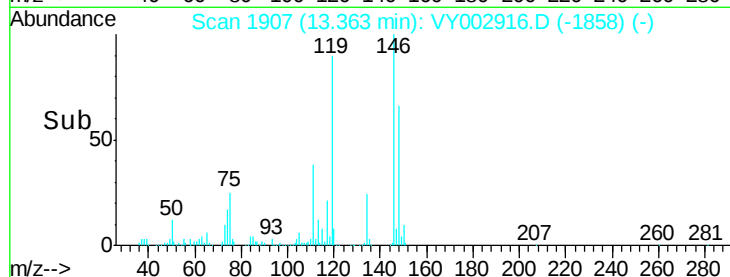
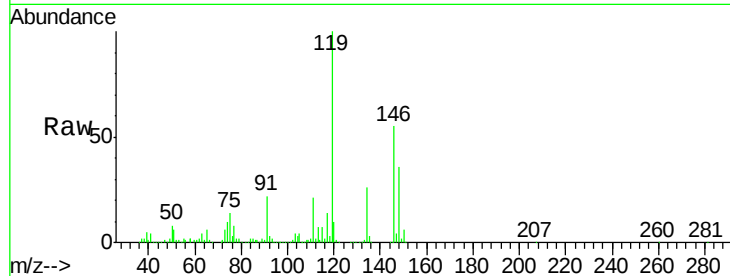
#87
1,3-Dichlorobenzene
Concen: 23.095 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.4	55.0
148	64.3	31.9	95.7

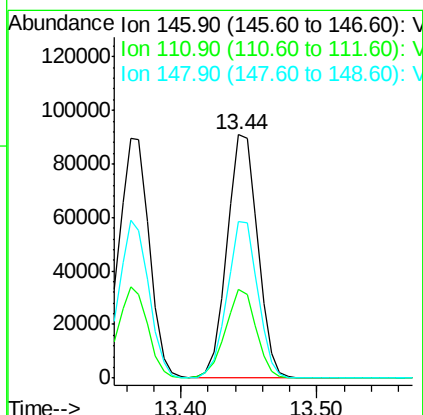
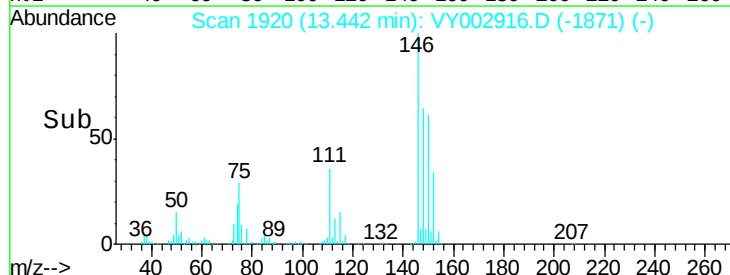
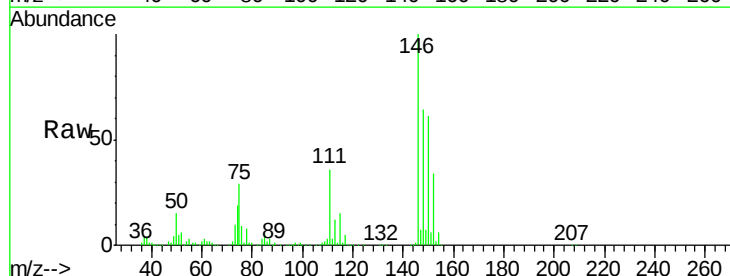
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#88
1,4-Dichlorobenzene
Concen: 23.117 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.1	54.3
148	64.4	32.1	96.3





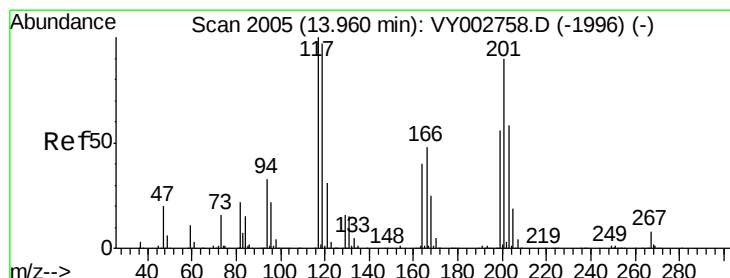
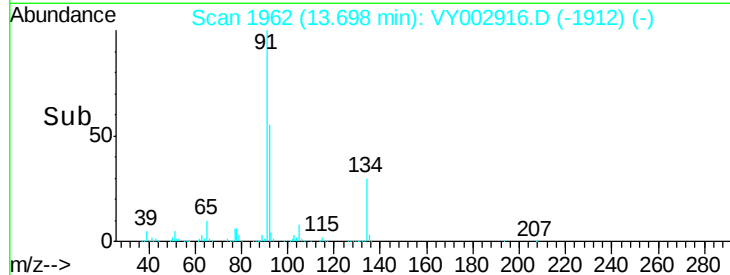
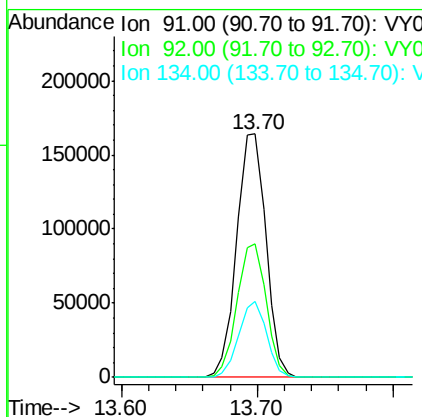
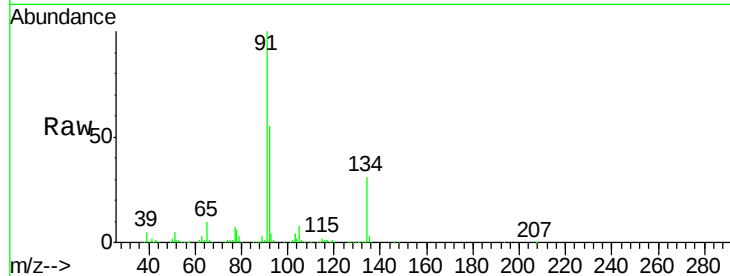
#89
n-Butylbenzene
Concen: 23.028 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.1	81.2
134	29.6	14.3	42.9

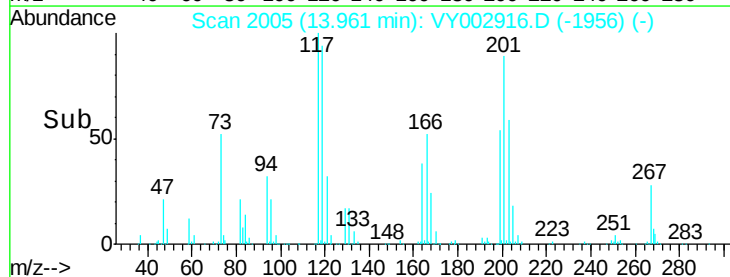
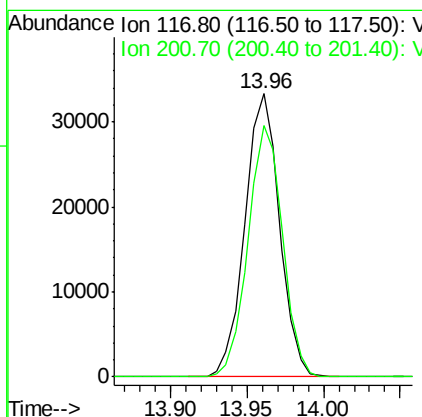
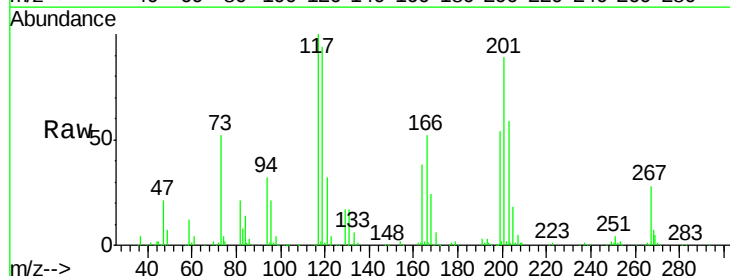
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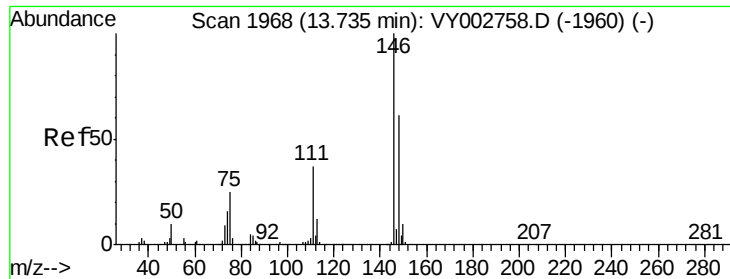
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#90
Hexachloroethane
Concen: 23.678 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.3	43.9	131.6





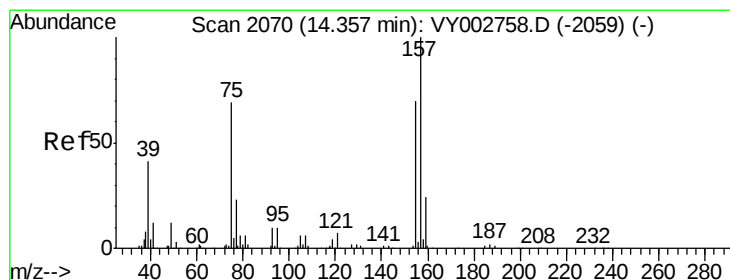
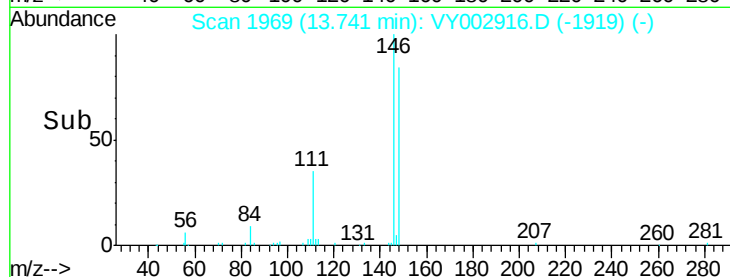
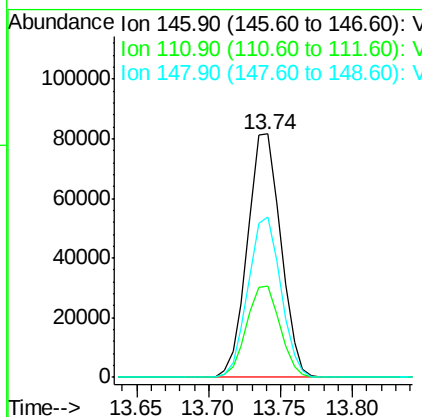
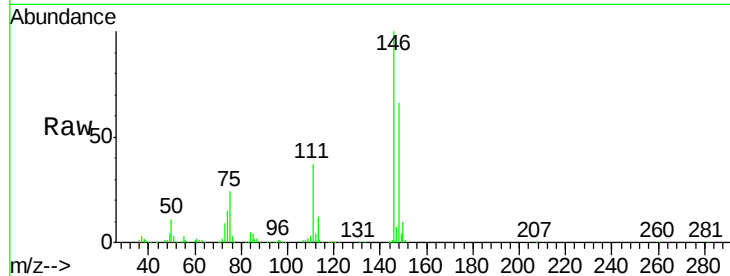
#91
 1,2-Dichlorobenzene
 Concen: 23.440 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.9
148	64.6	31.9	95.5

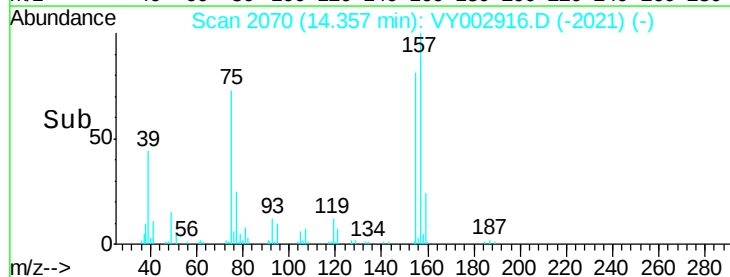
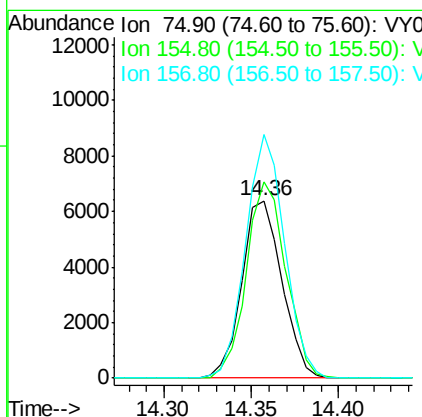
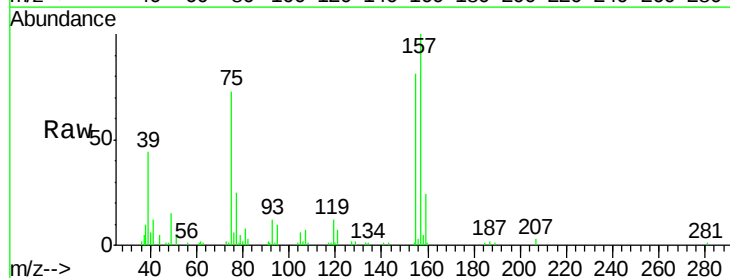
Manual Integrations
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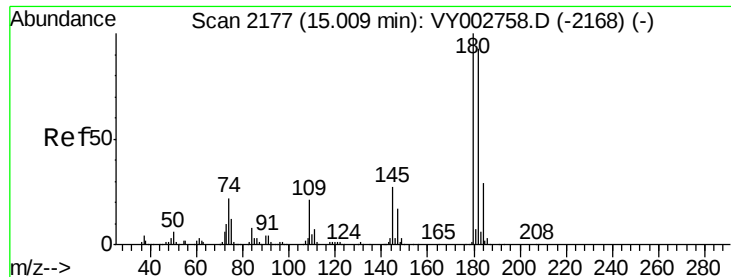
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.241 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	108.6	53.5	160.5
157	132.7	69.9	209.7





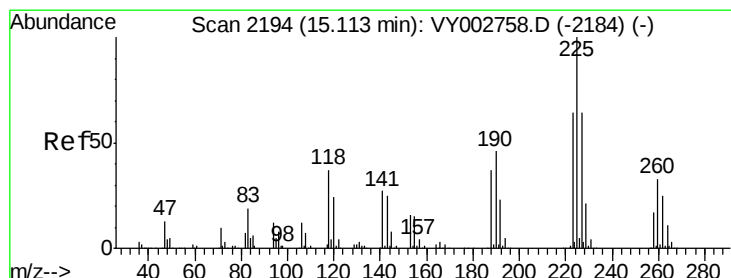
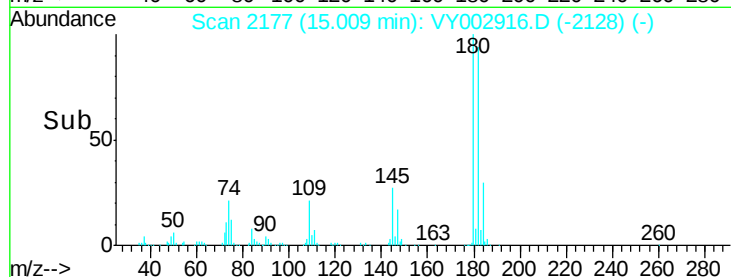
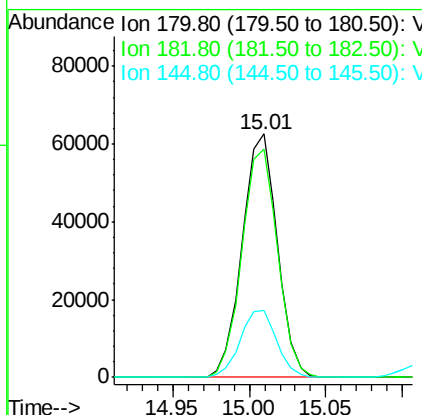
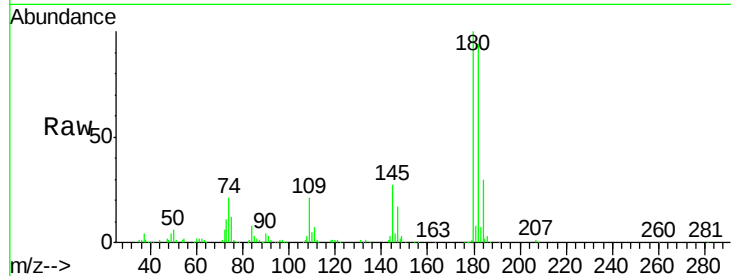
#93
 1,2,4-Trichlorobenzene
 Concen: 23.674 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.2	47.3	141.9	
145	28.6	14.1	42.3	

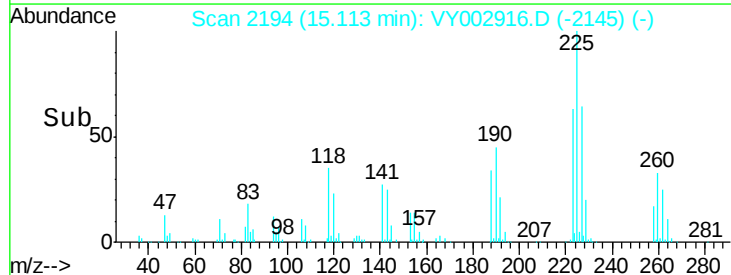
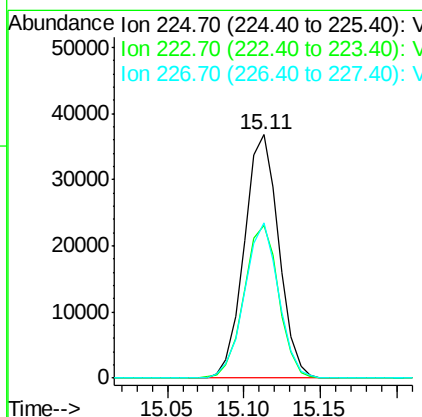
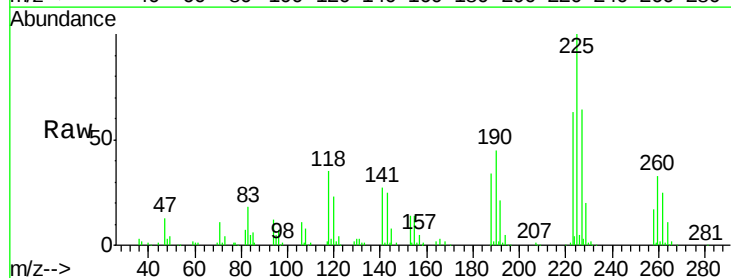
Manual Integrations
 APPROVED

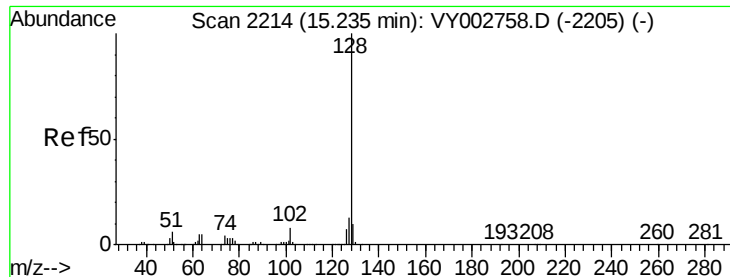
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 24.193 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	31.6	95.0	
227	62.9	32.3	96.9	





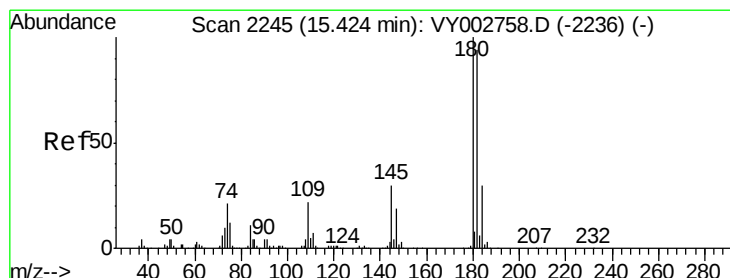
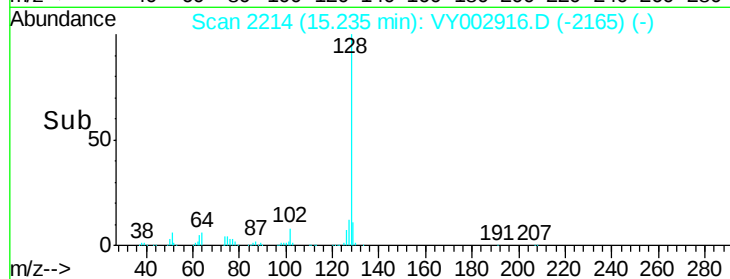
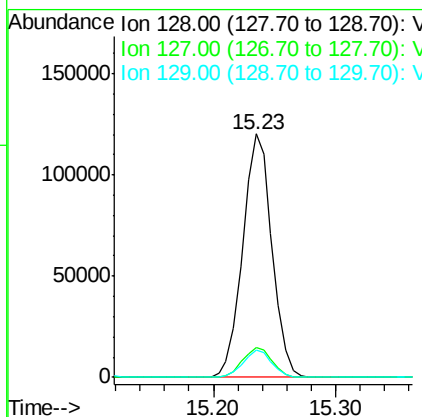
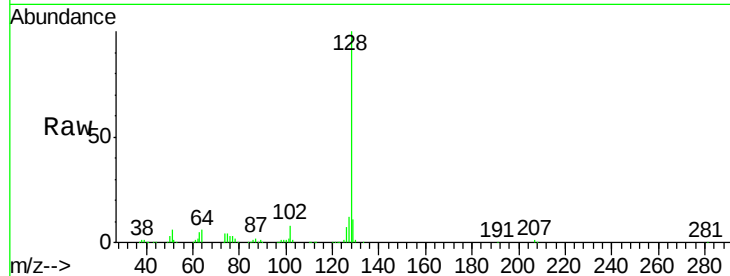
#95
Naphthalene
Concen: 23.524 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	198418		
127	12.6		10.3	15.5
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/19/2020 1:12:11 PM



#96
1,2,3-Trichlorobenzene
Concen: 23.840 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	89556		
182	95.3		48.1	144.4
145	30.3		15.1	45.3

