

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002846.D
 Acq On : 05 Jun 2020 14:15
 Operator : SY/MD
 Sample : VY0605SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/8/2020 11:28:07 AM

Quant Time: Jun 06 08:11:33 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	310254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	463690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	421473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	230093	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	130729	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
35) Dibromofluoromethane	7.72	113	135473	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
50) Toluene-d8	10.18	98	526676	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	
62) 4-Bromofluorobenzene	12.48	95	184342	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	42292	19.811	ug/l	100
3) Chloromethane	2.12	50	48295	20.453	ug/l	94
4) Vinyl Chloride	2.26	62	52781	21.148	ug/l	98
5) Bromomethane	2.65	94	39709	21.231	ug/l	96
6) Chloroethane	2.79	64	35444	21.907	ug/l	96
7) Trichlorofluoromethane	3.13	101	95753	21.662	ug/l	99
8) Diethyl Ether	3.54	74	34786	20.154	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	58626	22.338	ug/l	96
10) Methyl Iodide	4.10	142	78126	21.274	ug/l	99
11) Tert butyl alcohol	4.97	59	34029	110.399	ug/l	99
12) 1,1-Dichloroethene	3.88	96	57771	21.888	ug/l	99
13) Acrolein	3.74	56	28110	89.043	ug/l	100
14) Allyl chloride	4.49	41	85100	22.481	ug/l	99
15) Acrylonitrile	5.17	53	86507	111.097	ug/l	100
16) Acetone	3.96	43	68042	107.716	ug/l	94
17) Carbon Disulfide	4.20	76	165846	20.794	ug/l	100
18) Methyl Acetate	4.49	43	39782	24.607	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	157613	21.631	ug/l	98
20) Methylene Chloride	4.72	84	73616	23.847	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	63648	21.443	ug/l	99
22) Diisopropyl ether	6.13	45	177698	22.589	ug/l	95
23) Vinyl Acetate	6.07	43	576410	110.984	ug/l	99
24) 1,1-Dichloroethane	6.02	63	102365	22.245	ug/l	99
25) 2-Butanone	7.00	43	106132	107.841	ug/l	100
26) 2,2-Dichloropropane	6.99	77	94352	21.379	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	71704	21.579	ug/l	99
28) Bromochloromethane	7.34	49	42884	22.701	ug/l	96
29) Tetrahydrofuran	7.36	42	71413	111.556	ug/l	99
30) Chloroform	7.52	83	107989	22.115	ug/l	97
31) Cyclohexane	7.79	56	98150	21.483	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	97420	21.410	ug/l	99
36) 1,1-Dichloropropene	7.92	75	82872	21.217	ug/l	99
37) Ethyl Acetate	7.08	43	46988	22.110	ug/l	98
38) Carbon Tetrachloride	7.91	117	90501	20.857	ug/l	98

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 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)
39) Methylcyclohexane	9.19	83	108625	21.098	ug/l	97
40) Benzene	8.17	78	246862	21.389	ug/l	100
41) Methacrylonitrile	7.32	41	23778m	20.827	ug/l	
42) 1,2-Dichloroethane	8.24	62	67916	20.997	ug/l	99
43) Isopropyl Acetate	8.28	43	86654	21.517	ug/l	100
44) Trichloroethene	8.94	130	76003	20.848	ug/l	97
45) 1,2-Dichloropropane	9.22	63	60040	21.693	ug/l	99
46) Dibromomethane	9.31	93	35051	21.324	ug/l	99
47) Bromodichloromethane	9.50	83	83574	21.567	ug/l	98
48) Methyl methacrylate	9.30	41	39051	21.480	ug/l	99
49) 1,4-Dioxane	9.30	88	10680	423.153	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	231726	108.664	ug/l	100
52) Toluene	10.24	92	161397	21.377	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	90604	21.407	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	102972	21.471	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	53180	21.132	ug/l	98
56) Ethyl methacrylate	10.51	69	71876	21.324	ug/l	100
57) 1,3-Dichloropropane	10.79	76	88870	21.471	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	177147	107.558	ug/l	99
59) 2-Hexanone	10.83	43	163742	108.219	ug/l	99
60) Dibromochloromethane	10.99	129	67709	21.222	ug/l	100
61) 1,2-Dibromoethane	11.09	107	52437	21.123	ug/l	100
64) Tetrachloroethene	10.72	164	80021	20.890	ug/l	99
65) Chlorobenzene	11.52	112	178630	21.443	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	68680	21.891	ug/l	99
67) Ethyl Benzene	11.59	91	313105	21.680	ug/l	100
68) m/p-Xylenes	11.70	106	242428	43.296	ug/l	100
69) o-Xylene	12.03	106	113702	21.510	ug/l	99
70) Styrene	12.04	104	197731	21.578	ug/l	99
71) Bromoform	12.20	173	44772	21.327	ug/l #	99
73) Isopropylbenzene	12.33	105	315553	21.400	ug/l	99
74) N-amyl acetate	12.14	43	81146	21.448	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	57581	22.257	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	45079m	21.743	ug/l	
77) Bromobenzene	12.61	156	80243	20.900	ug/l	100
78) n-propylbenzene	12.67	91	366268	21.504	ug/l	100
79) 2-Chlorotoluene	12.75	91	203047	21.252	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	265131	21.535	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	23364	21.231	ug/l	98
82) 4-Chlorotoluene	12.85	91	214983	21.476	ug/l	100
83) tert-Butylbenzene	13.08	119	234333	21.338	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	267564	21.614	ug/l	99
85) sec-Butylbenzene	13.25	105	325142	21.653	ug/l	99
86) p-Isopropyltoluene	13.37	119	301989	21.613	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	154124	21.192	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	154540	21.242	ug/l	99
89) n-Butylbenzene	13.70	91	276987	21.835	ug/l	99
90) Hexachloroethane	13.96	117	57035	21.804	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	140728	21.336	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10658	21.412	ug/l	98

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Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

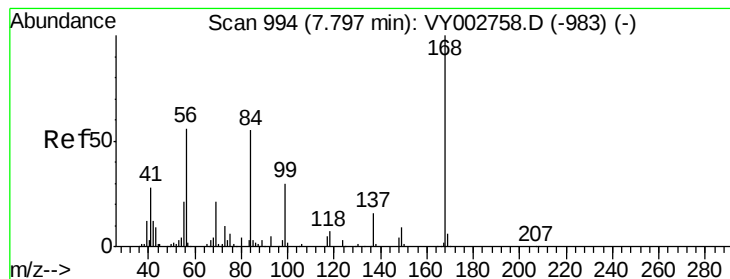
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	106741	21.471	ug/l	99
94) Hexachlorobutadiene	15.11	225	61313	21.744	ug/l	100
95) Naphthalene	15.23	128	210884	21.156	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	94995	21.398	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: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

Tot Ion:168 Resp: 310254

Ion Ratio Lower Upper

168 100

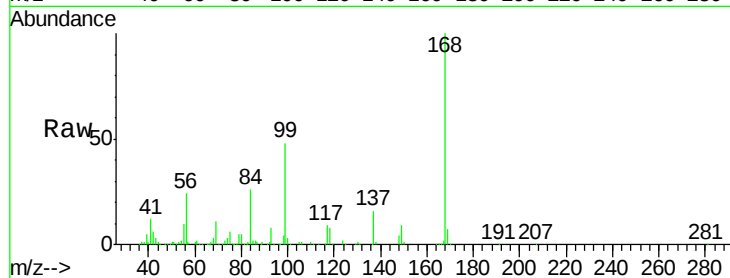
99 48.2 39.0 58.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

150000

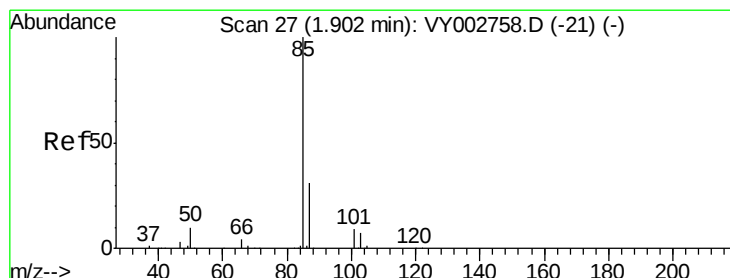
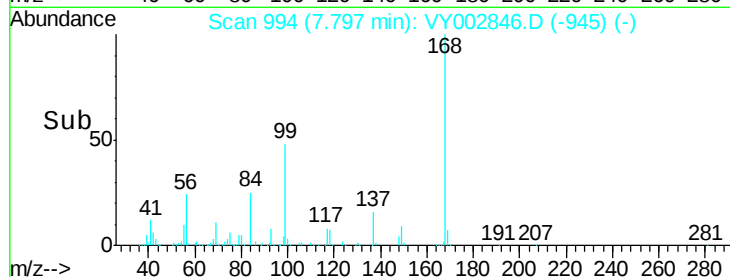
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.811 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002846.D

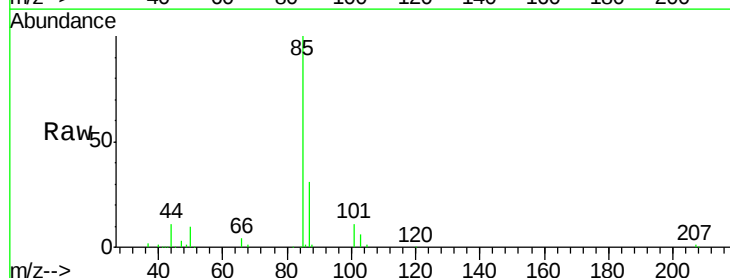
Acq: 05 Jun 2020 14:15

Tgt Ion: 85 Resp: 42292

Ion Ratio Lower Upper

85 100

87 31.0 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002758.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002758.D (-21) (-)

1.91

30000

25000

20000

15000

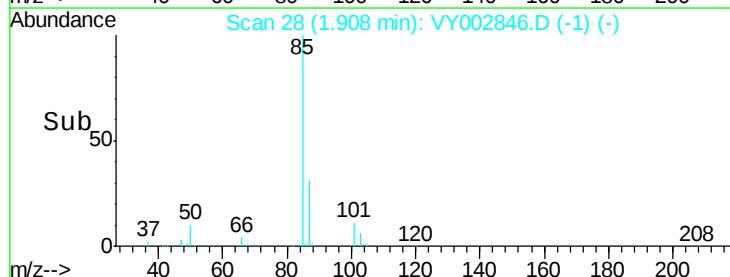
10000

5000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 20.453 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampled :

VY0605SBS01

Tot Ion: 50 Resp: 48295

Ion Ratio Lower Upper

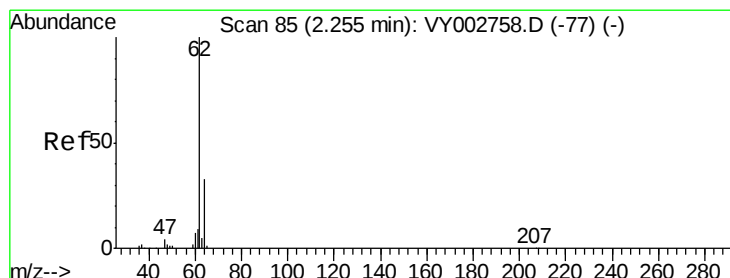
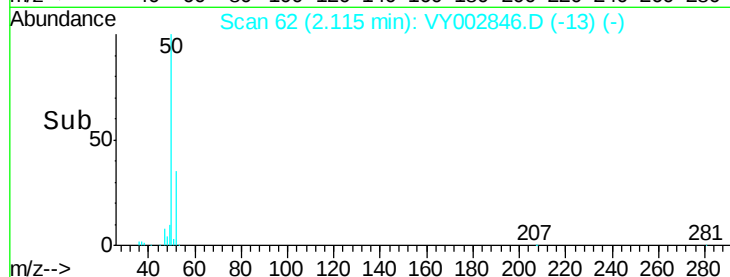
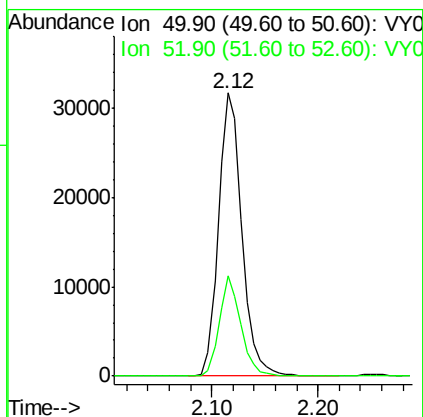
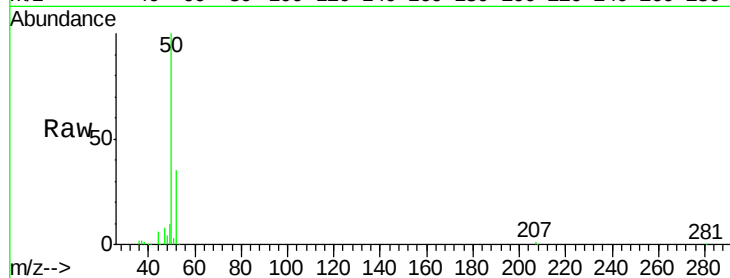
50 100

52 35.4 25.8 38.6

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#4

Vinyl Chloride

Concen: 21.148 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002846.D

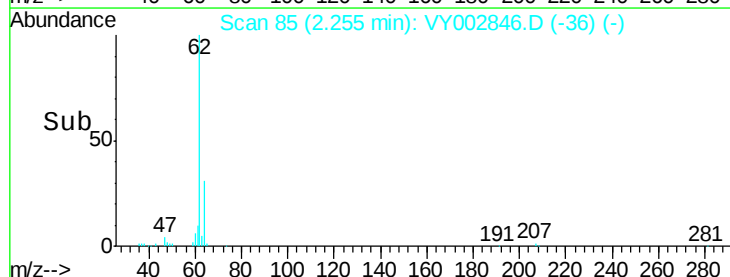
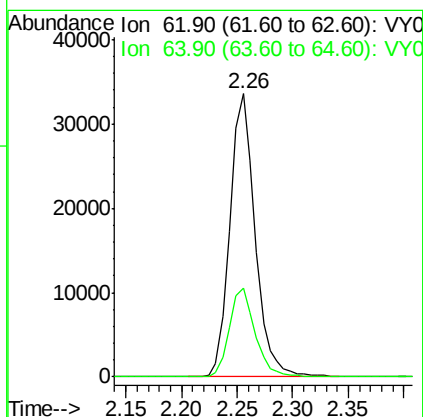
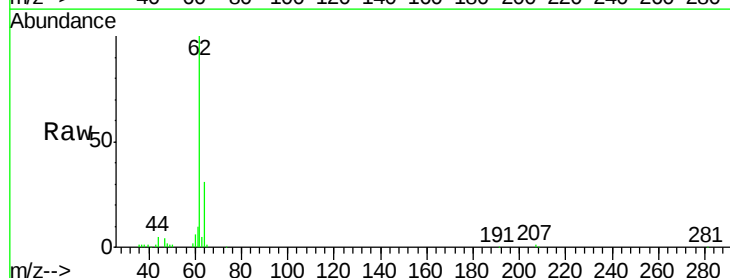
Acq: 05 Jun 2020 14:15

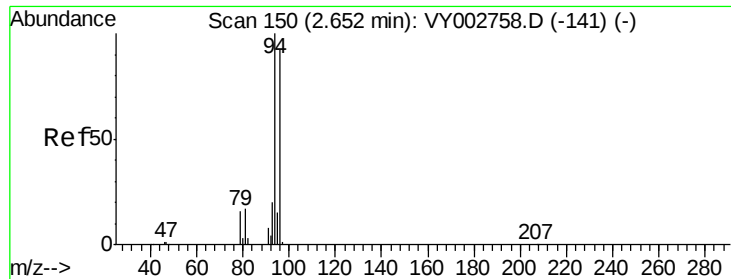
Tgt Ion: 62 Resp: 52781

Ion Ratio Lower Upper

62 100

64 31.4 26.1 39.1





#5

Bromomethane

Concen: 21.231 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

Tot Ion: 94 Resp: 39709

Ion Ratio Lower Upper

94 100

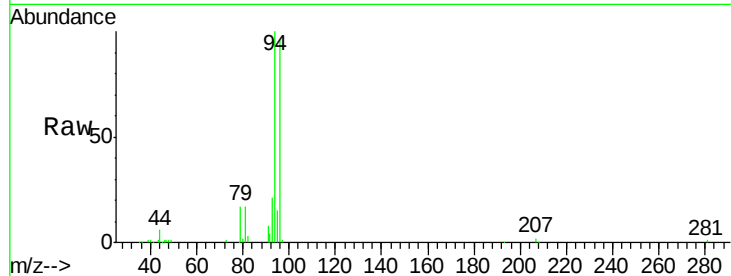
96 96.3 73.7 110.5

Manual Integrations

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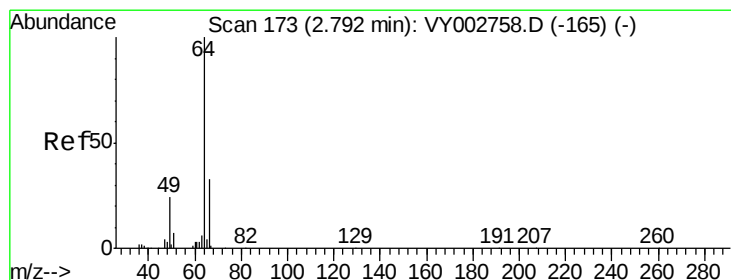
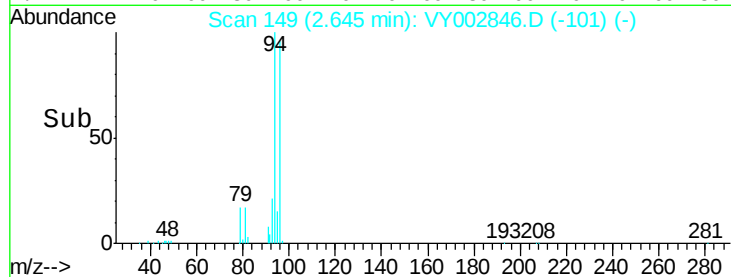
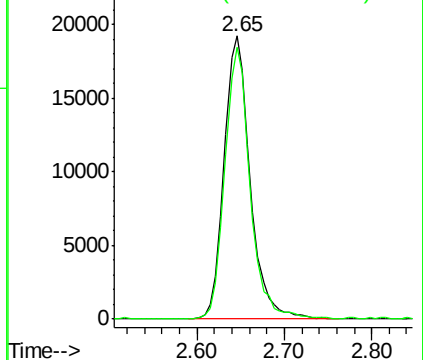
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.907 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002846.D

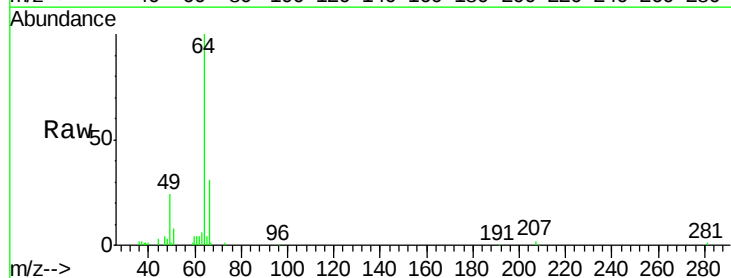
Acq: 05 Jun 2020 14:15

Tgt Ion: 64 Resp: 35444

Ion Ratio Lower Upper

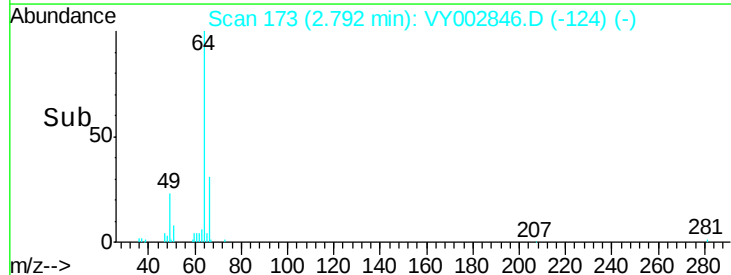
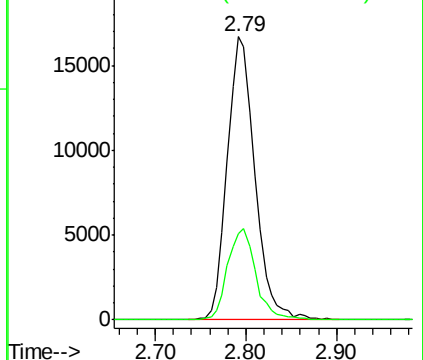
64 100

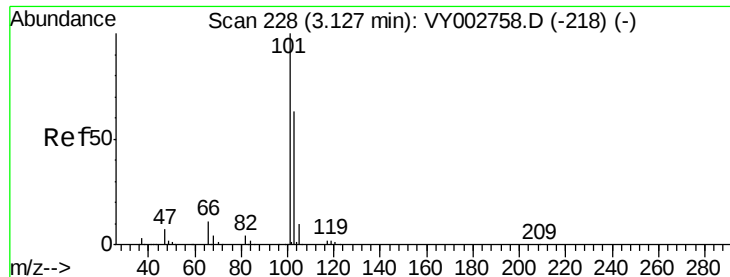
66 30.7 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

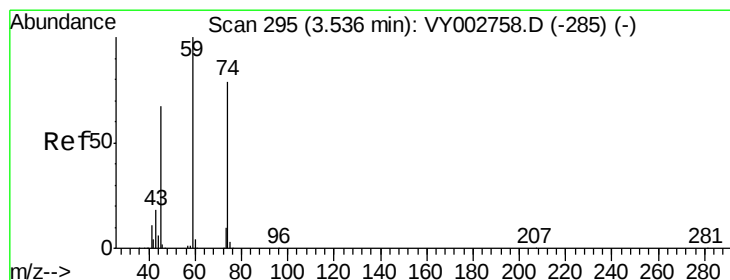
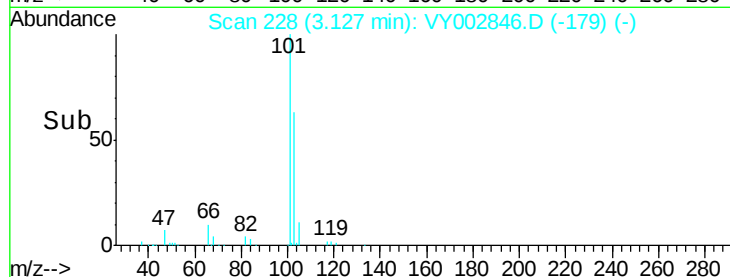
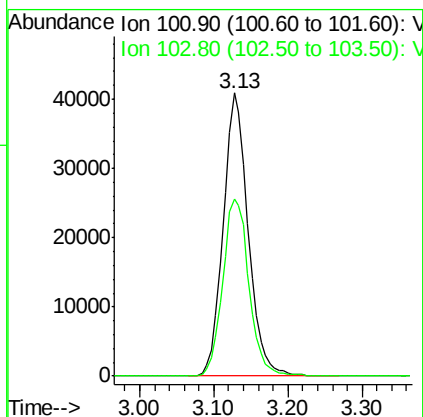
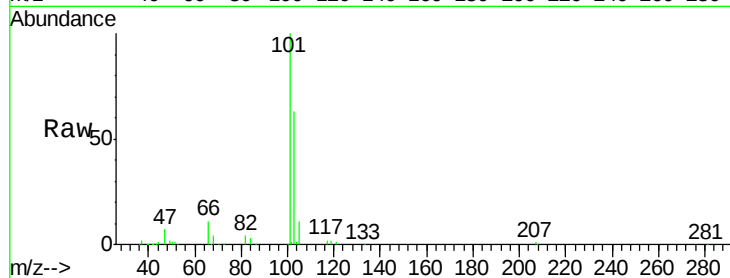
Trichlorofluoromethane
Concen: 21.662 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

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ClientSampleId :
VY0605SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.7	50.6	76.0

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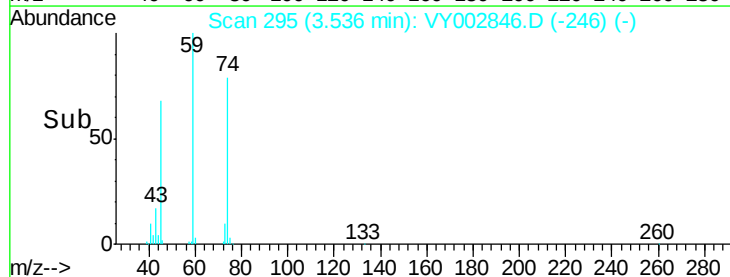
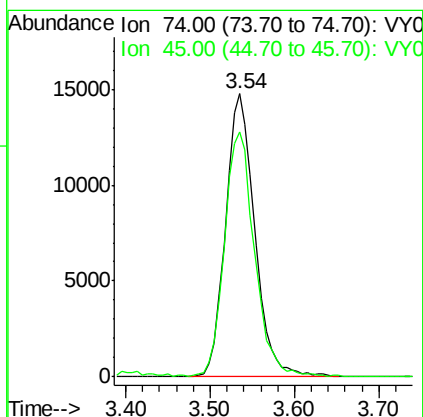
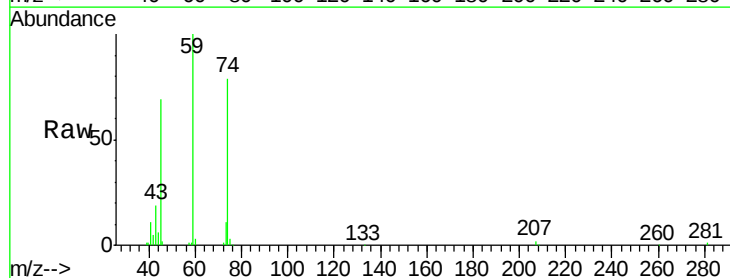
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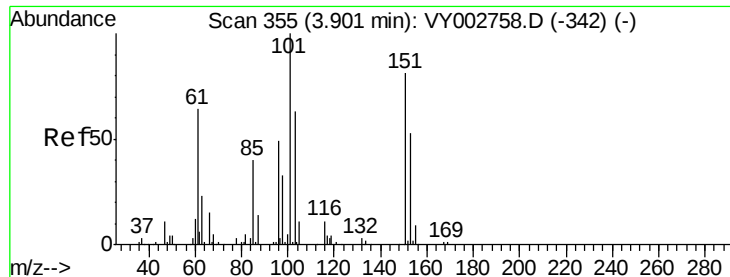


#8

Diethyl Ether
Concen: 20.154 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.9	44.0	131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.338 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

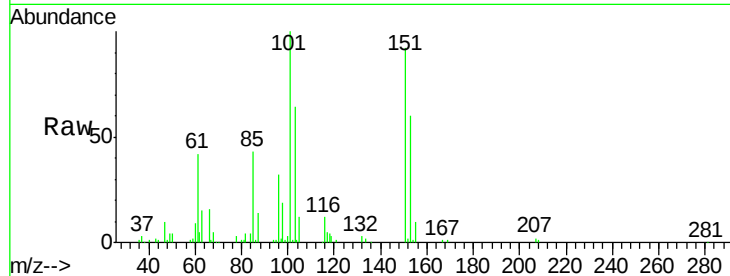
ClientSampleId :

VY0605SBS01

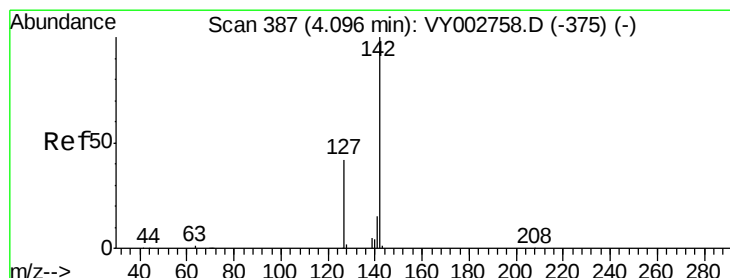
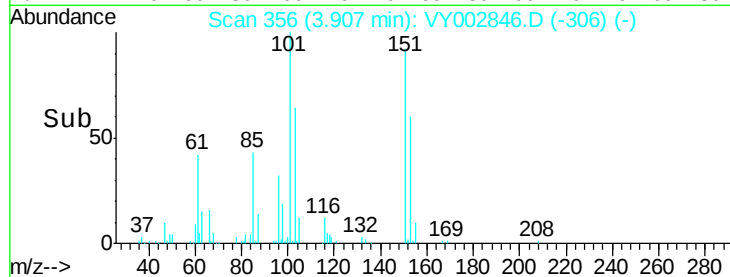
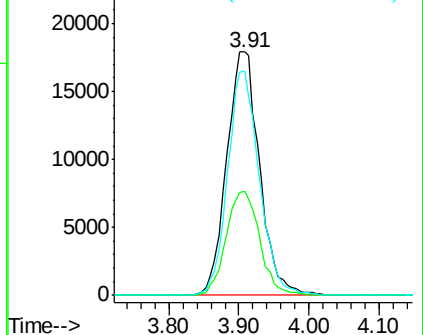
Tot Ion:	101	Resp:	58626
Ion Ratio	Lower	Upper	
101	100		
85	43.4	32.7	49.1
151	88.8	68.0	102.0

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.274 ug/l

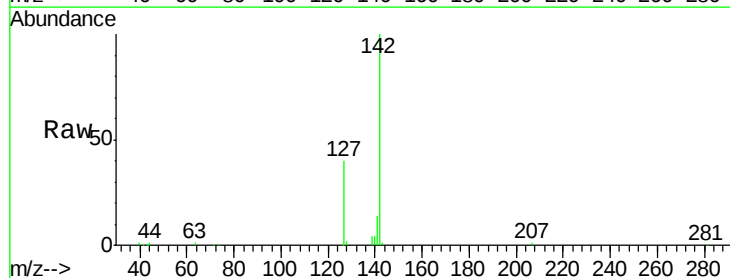
RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

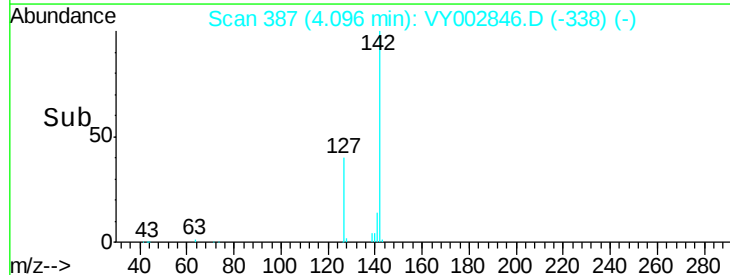
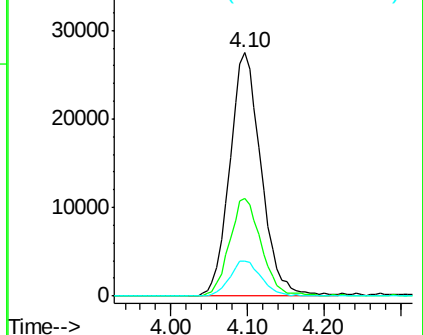
Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Tgt Ion:	142	Resp:	78126
Ion Ratio	Lower	Upper	
142	100		
127	40.7	33.3	49.9
141	14.3	11.5	17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





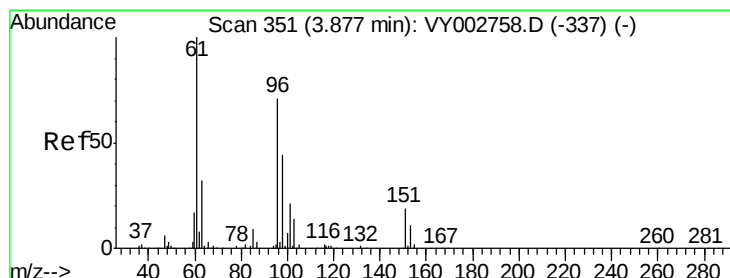
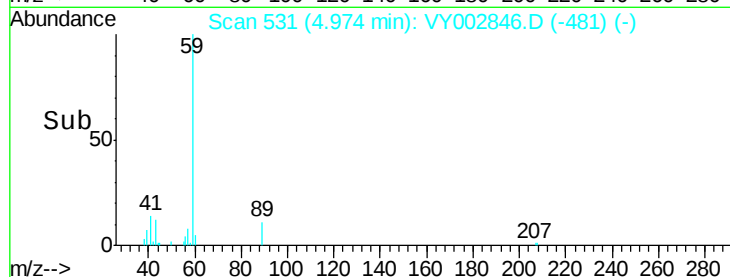
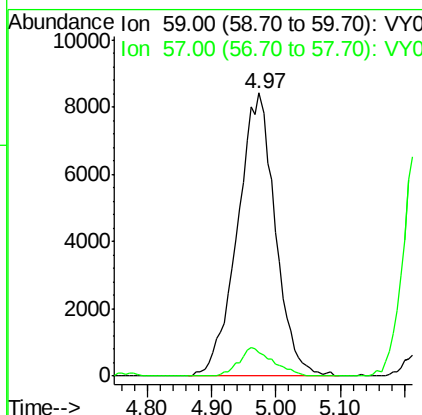
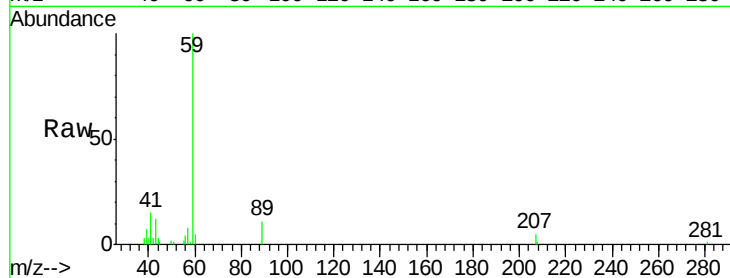
#11
Tert butyl alcohol
Concen: 110.399 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	34029		
57	57	9.1		7.7	11.5

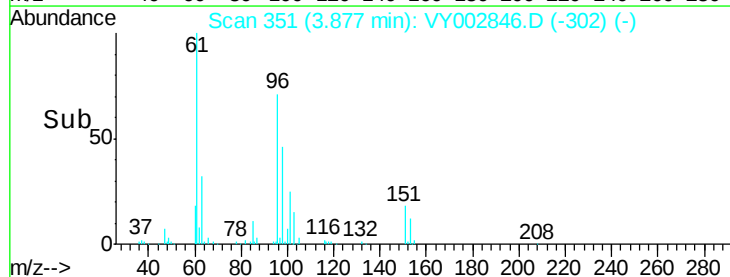
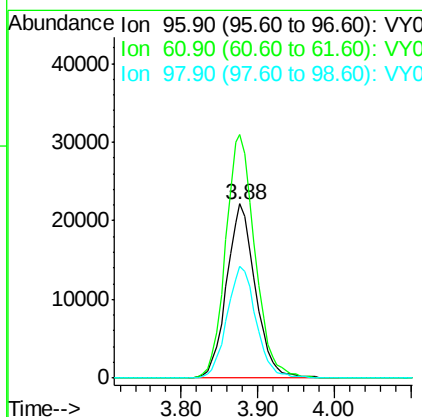
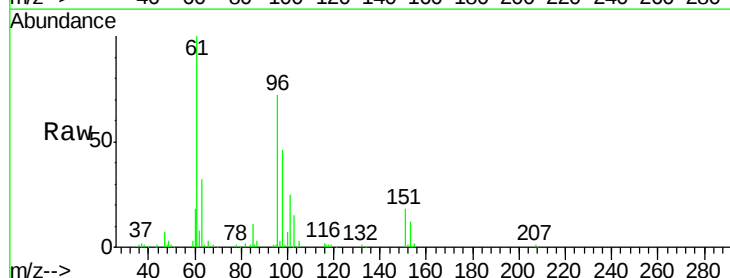
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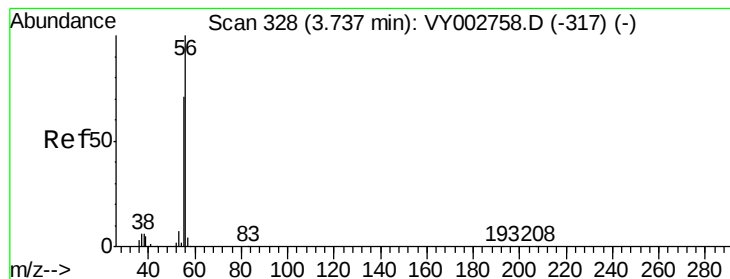
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#12
1,1-Dichloroethene
Concen: 21.888 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	57771		
61	61	139.8		112.6	168.8
98	98	64.5		50.0	75.0





#13

Acrolein

Concen: 89.043 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

Tot Ion: 56 Resp: 28110

Ion Ratio Lower Upper

56 100

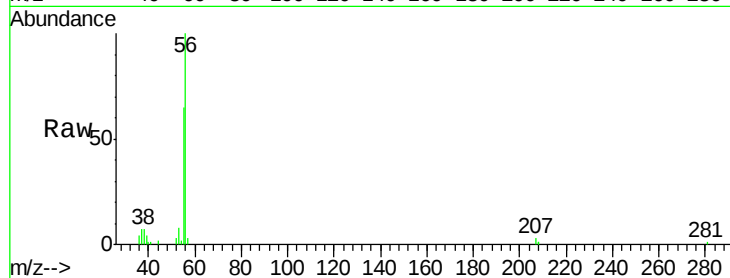
55 70.3 56.0 84.0

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

12000

10000

8000

6000

4000

2000

0

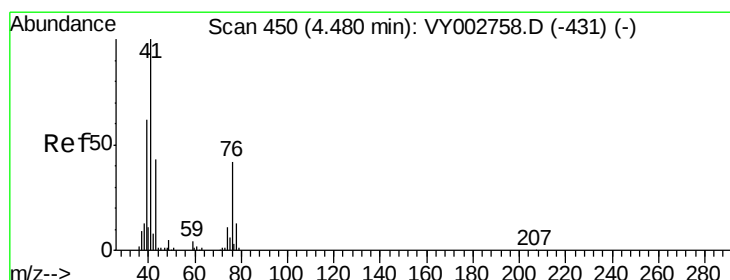
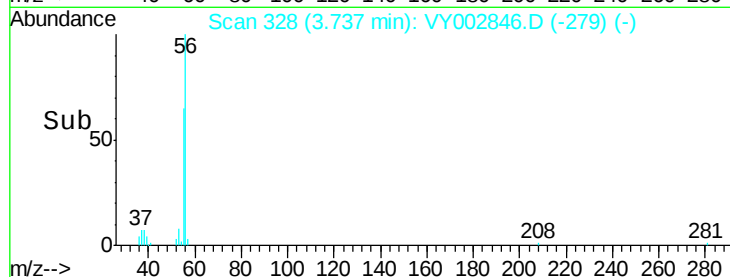
Time-->

3.60

3.70

3.80

3.90



#14

Allyl chloride

Concen: 22.481 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

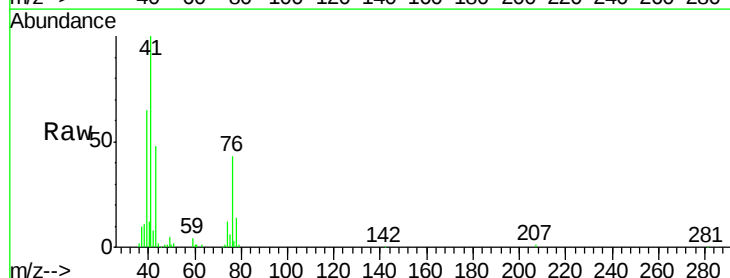
Tgt Ion: 41 Resp: 85100

Ion Ratio Lower Upper

41 100

39 61.6 49.9 74.9

76 40.5 33.2 49.8



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

30000

20000

10000

0

Time-->

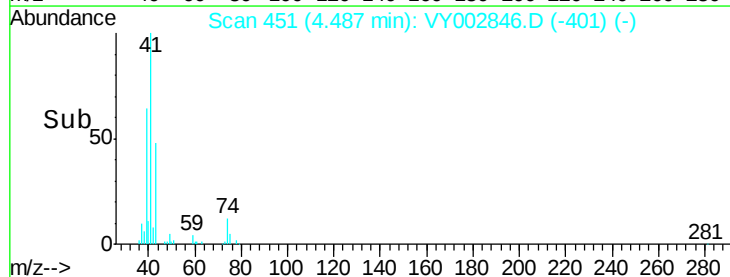
4.30

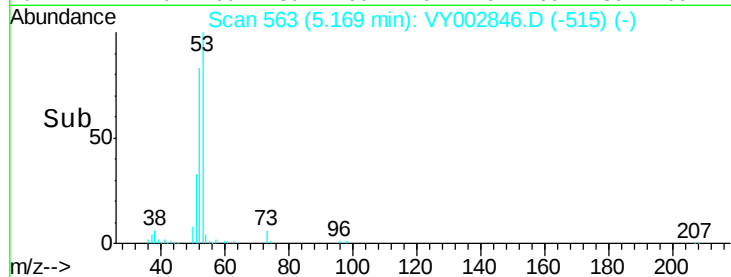
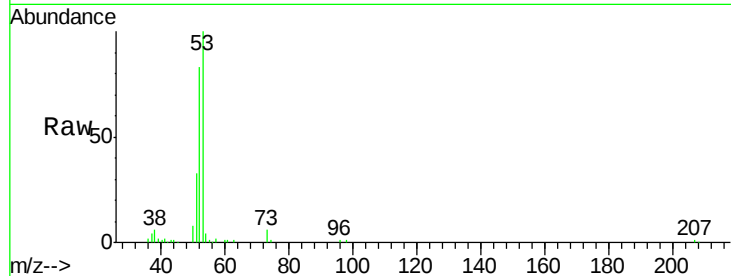
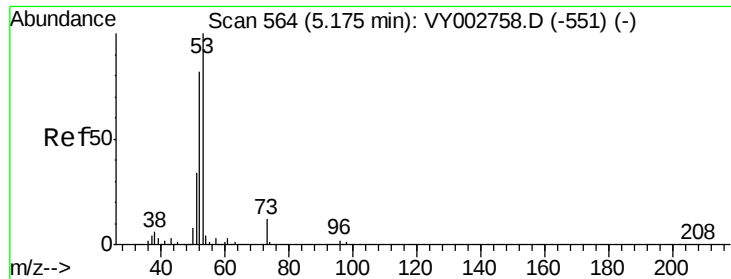
4.40

4.50

4.60

4.70





#15

Acrylonitrile

Concen: 111.097 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY002846.D

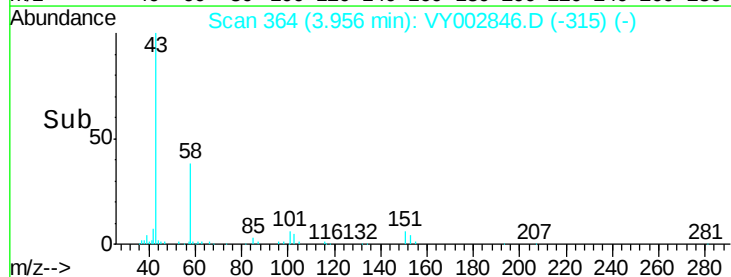
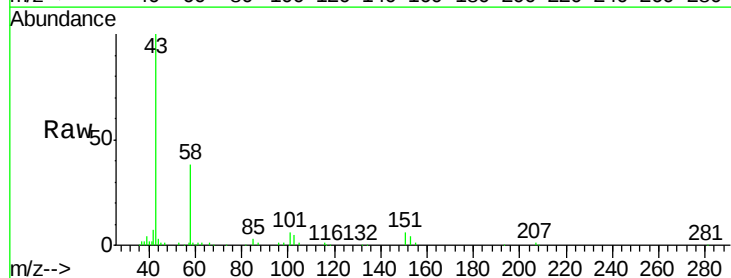
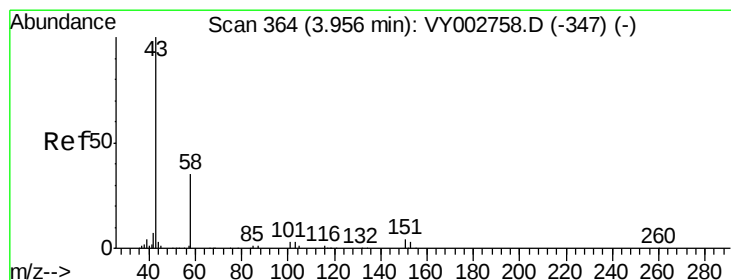
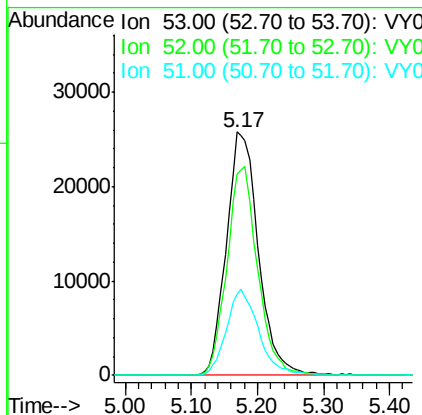
Acq: 05 Jun 2020 14:15

Tot Ion:	53	Resp:	86507
Ion Ratio	Lower	Upper	
53	100		
52	82.0	65.3	97.9
51	35.2	28.0	42.0

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

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#16

Acetone

Concen: 107.716 ug/l

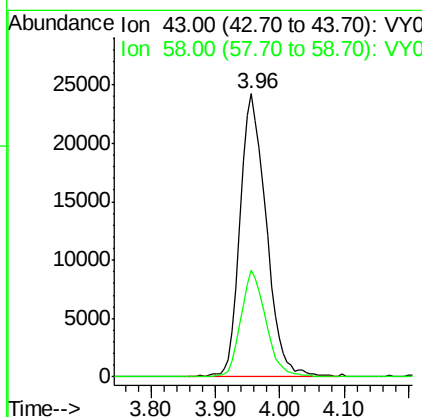
RT: 3.96 min Scan# 364

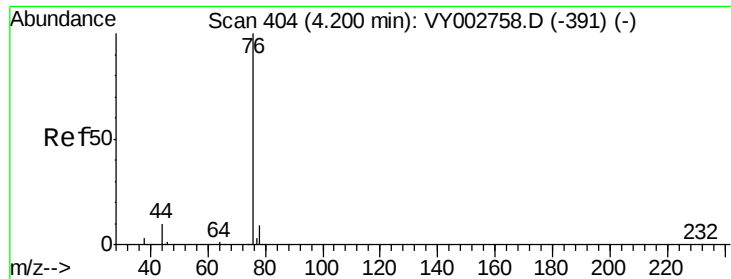
Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Tgt Ion:	43	Resp:	68042
Ion Ratio	Lower	Upper	
43	100		
58	37.8	27.7	41.5





#17

Carbon Disulfide

Concen: 20.794 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

Tot Ion: 76 Resp: 165846

Ion Ratio Lower Upper

76 100

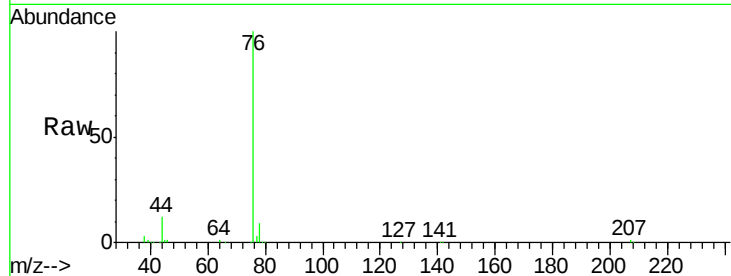
78 8.7 6.9 10.3

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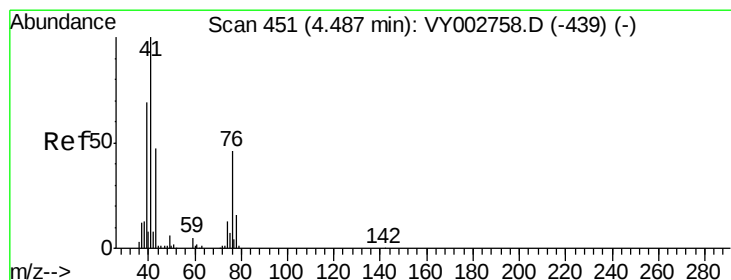
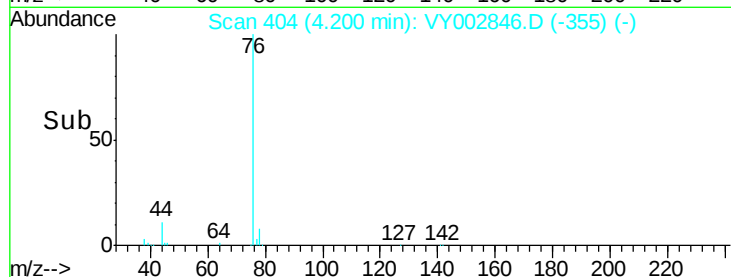
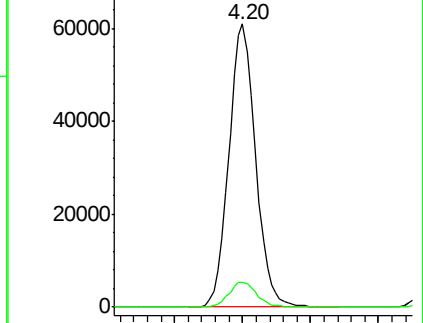
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 24.607 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002846.D

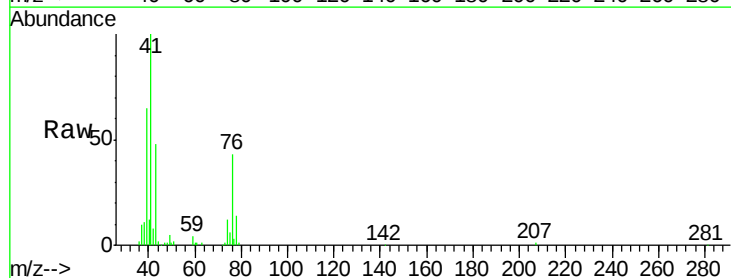
Acq: 05 Jun 2020 14:15

Tgt Ion: 43 Resp: 39782

Ion Ratio Lower Upper

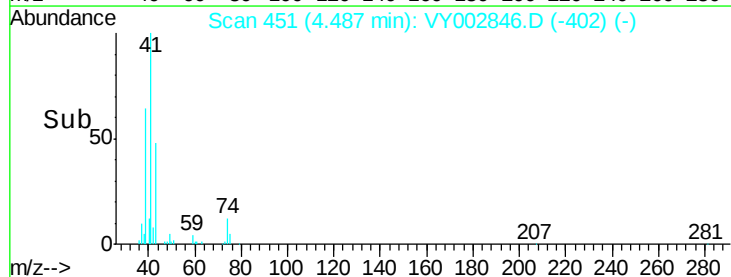
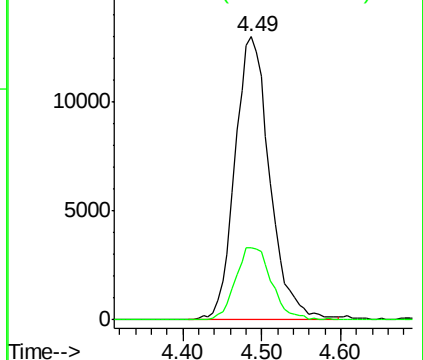
43 100

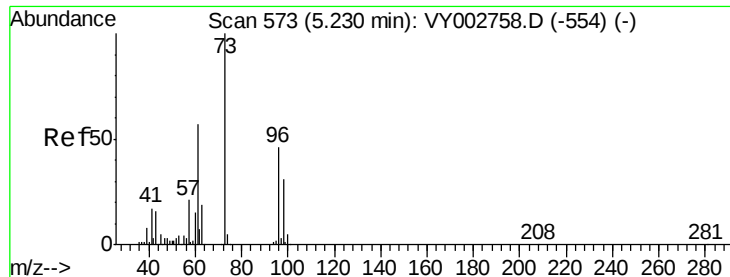
74 26.4 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





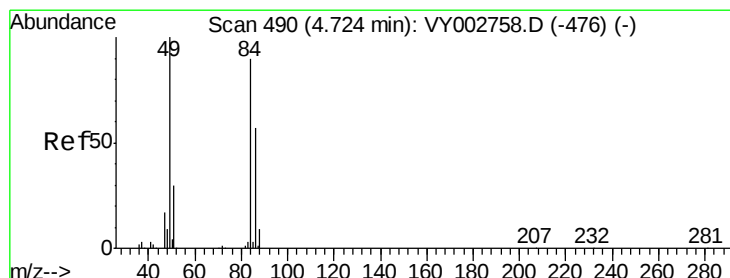
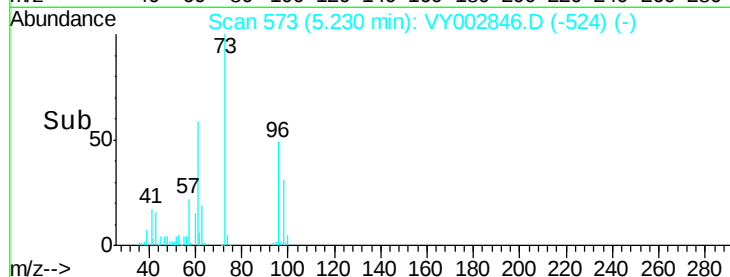
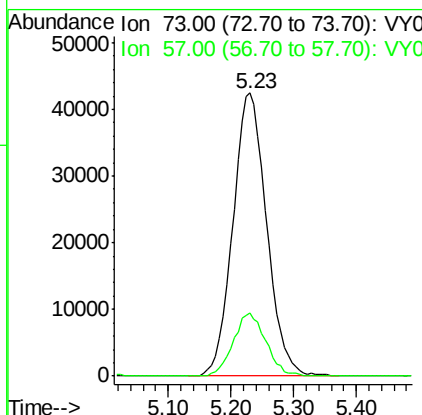
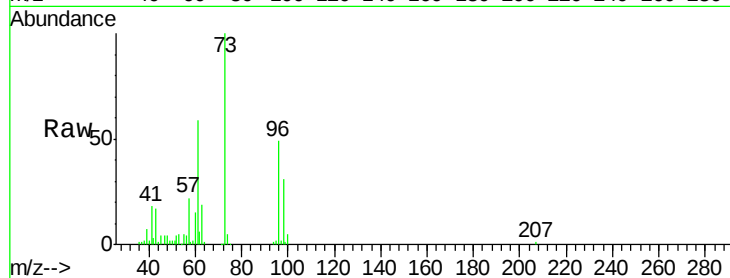
#19
Methyl tert-butyl Ether
Concen: 21.631 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion: 73 Resp: 157613
Ion Ratio Lower Upper
73 100
57 22.3 17.0 25.4

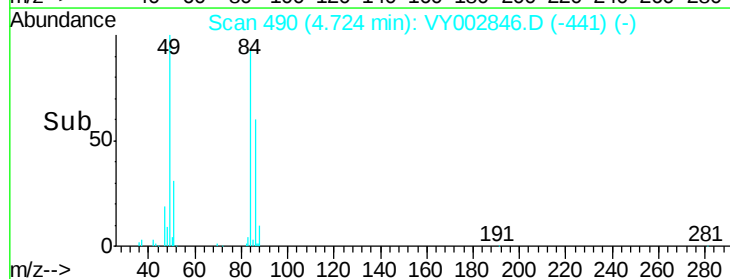
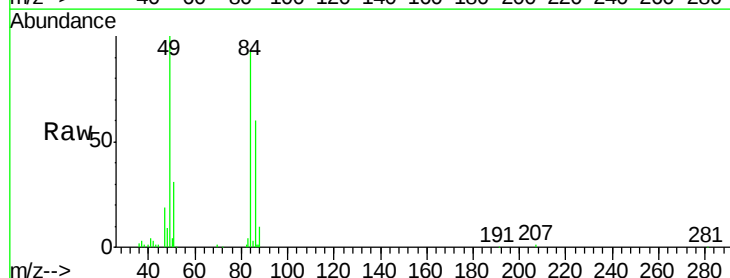
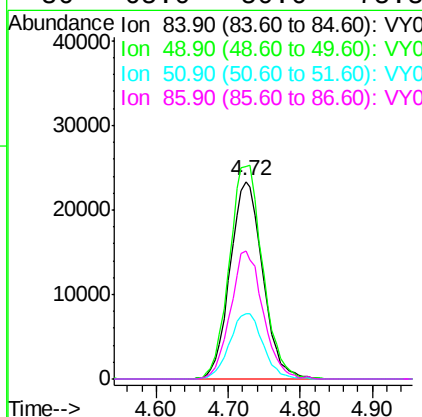
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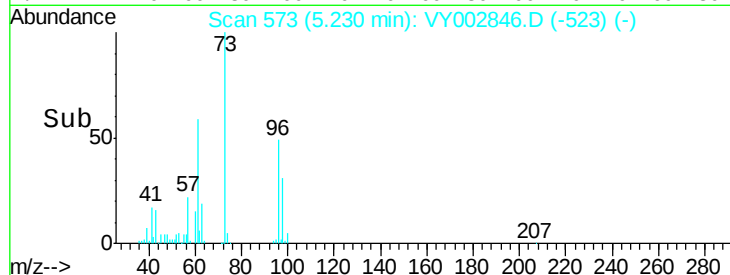
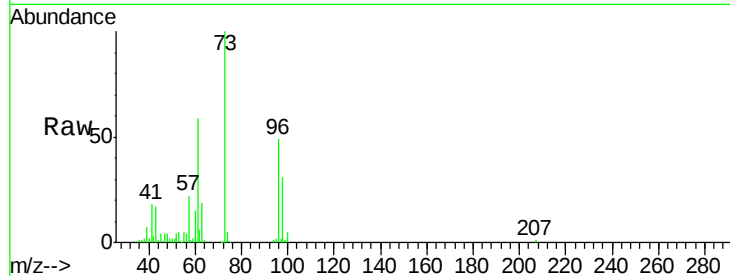
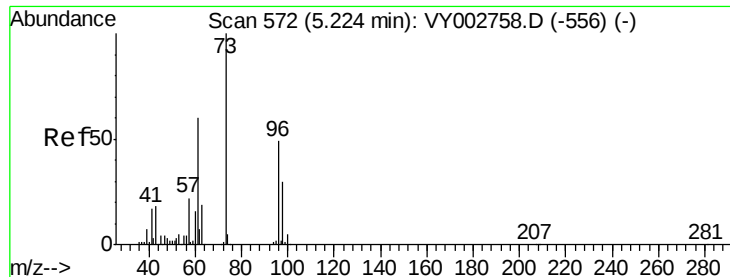
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#20
Methylene Chloride
Concen: 23.847 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion: 84 Resp: 73616
Ion Ratio Lower Upper
84 100
49 107.7 88.5 132.7
51 33.3 26.8 40.2
86 65.0 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.443 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002846.D

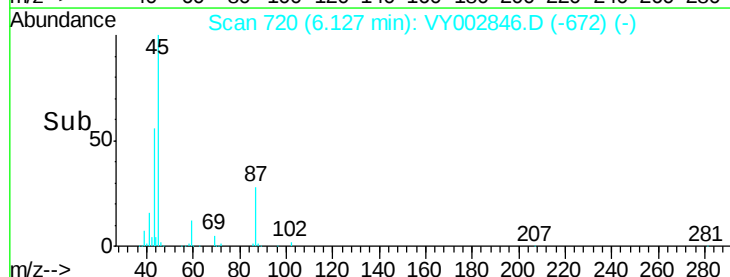
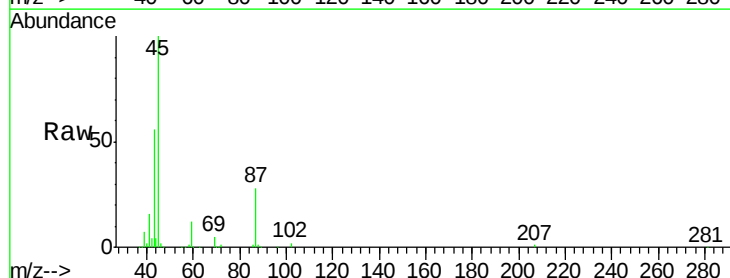
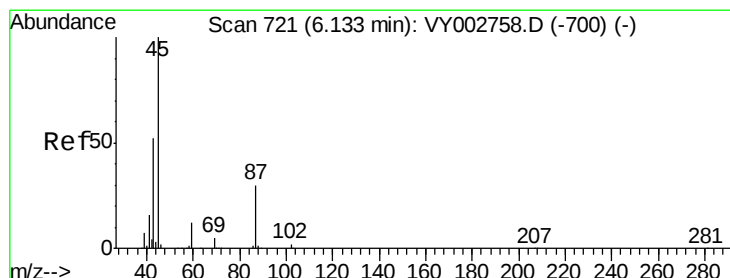
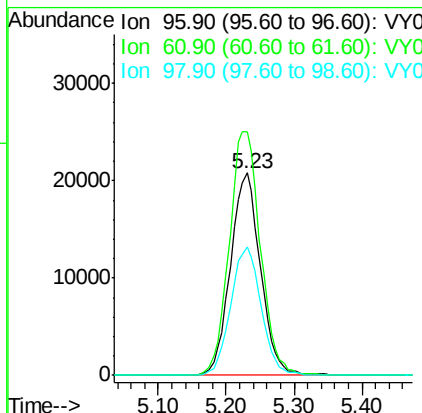
Acq: 05 Jun 2020 14:15

Tot Ion:	96	Resp:	63648
Ion Ratio	Lower	Upper	
96	100		
61	120.4	96.8	145.2
98	63.7	49.4	74.0

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

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#22

Diisopropyl ether

Concen: 22.589 ug/l

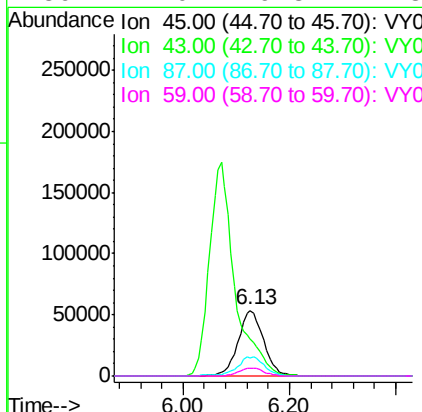
RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Tgt Ion:	45	Resp:	177698
Ion Ratio	Lower	Upper	
45	100		
43	56.1	41.7	62.5
87	28.1	24.2	36.2
59	12.0	9.8	14.8





#23

Vinyl Acetate

Concen: 110.984 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

Tot Ion: 43 Resp: 576410

Ion Ratio Lower Upper

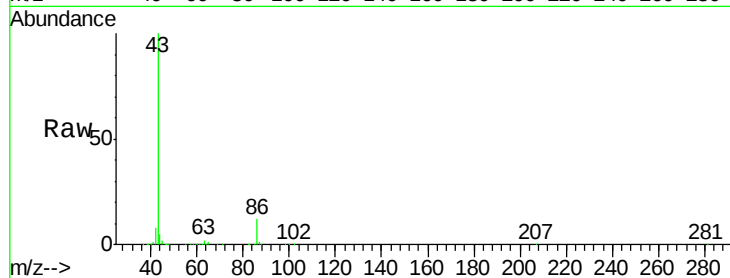
43 100

86 12.1 10.2 15.2

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

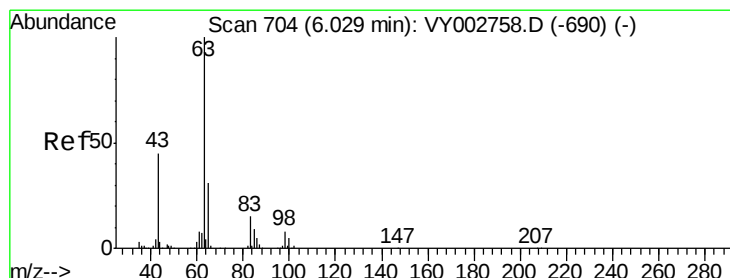
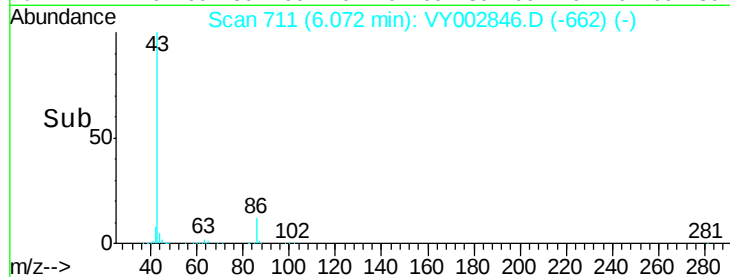
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 22.245 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

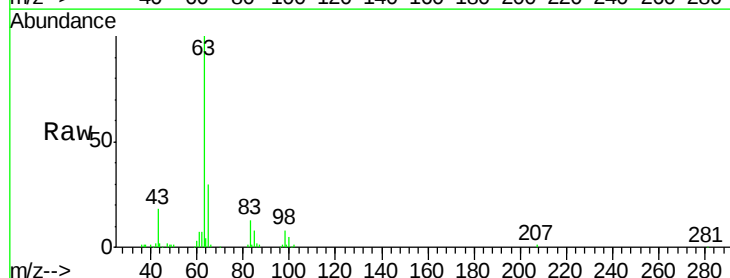
Tgt Ion: 63 Resp: 102365

Ion Ratio Lower Upper

63 100

98 7.7 4.0 12.2

100 5.0 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.02

40000

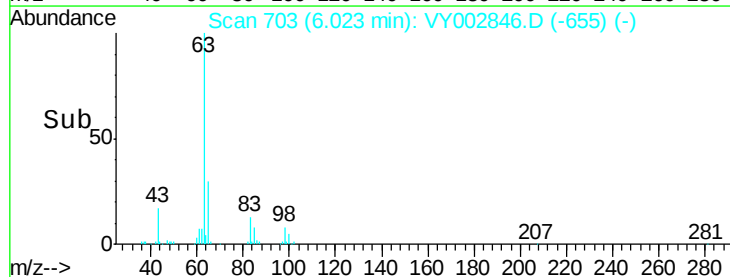
30000

20000

10000

0

Time-->





#25

2-Butanone

Concen: 107.841 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

Tot Ion: 43 Resp: 106132

Ion Ratio Lower Upper

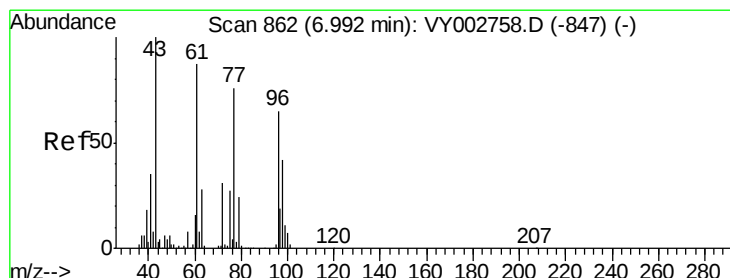
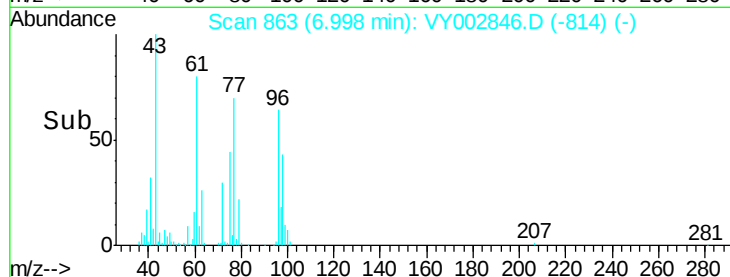
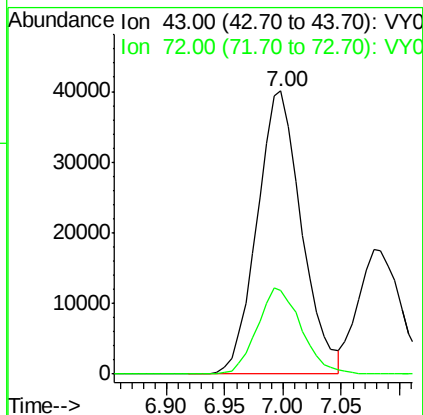
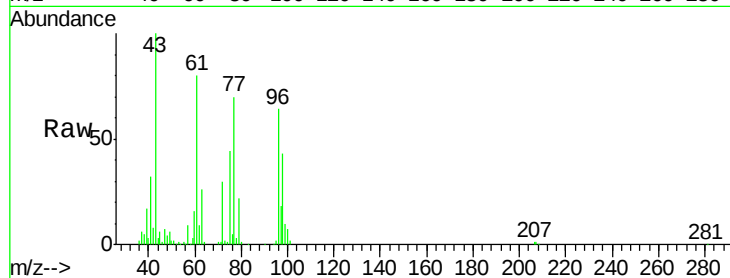
43 100

72 29.7 23.9 35.9

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 21.379 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY002846.D

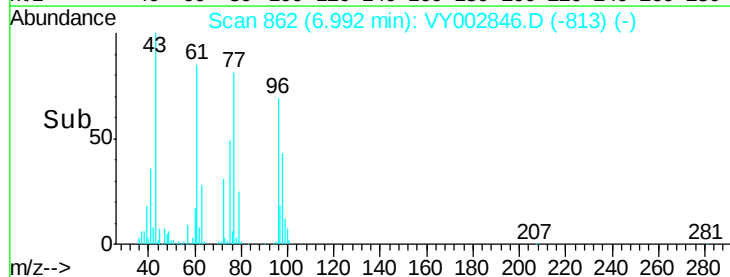
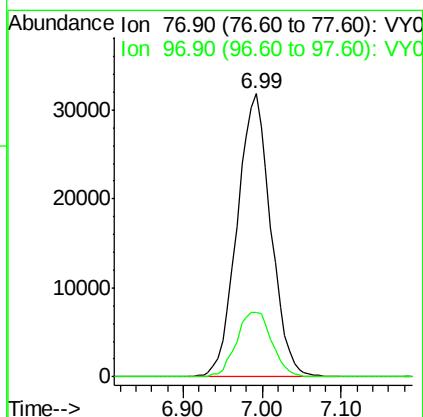
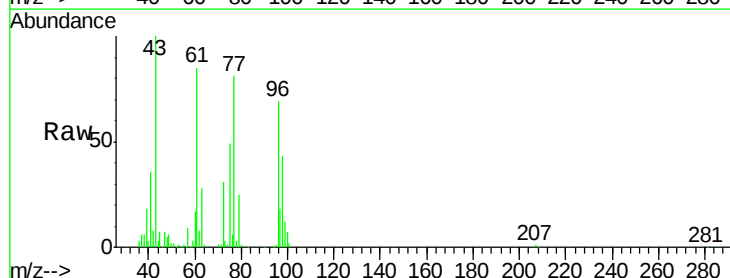
Acq: 05 Jun 2020 14:15

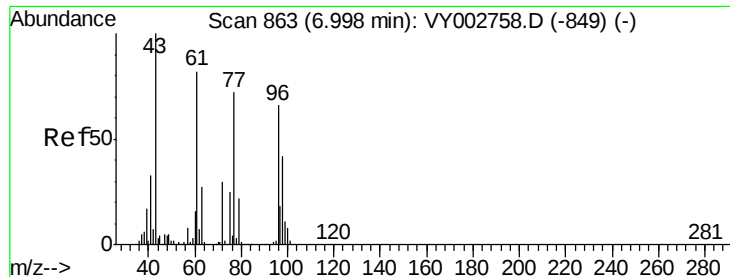
Tgt Ion: 77 Resp: 94352

Ion Ratio Lower Upper

77 100

97 24.1 12.2 36.6





#27

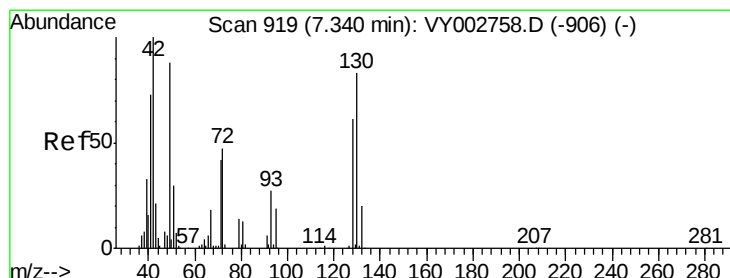
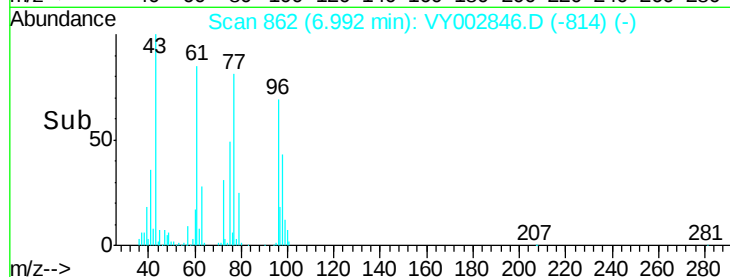
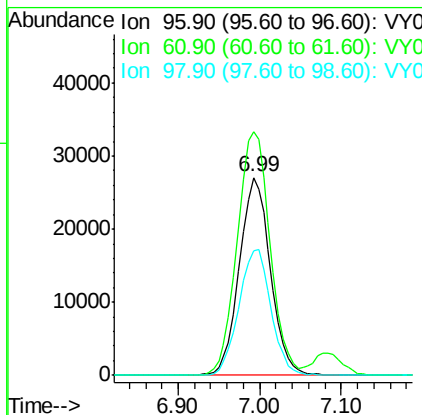
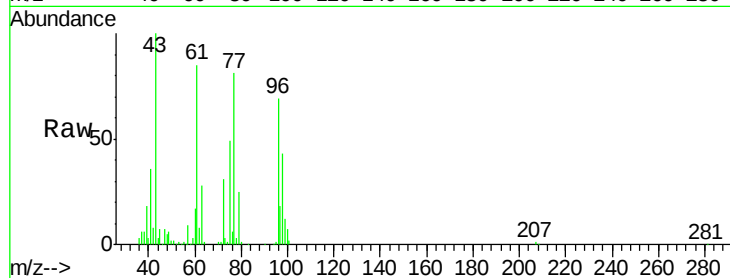
cis-1,2-Dichloroethene
Concen: 21.579 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.8	0.0	260.2
98	65.7	0.0	128.2

Manual Integrations
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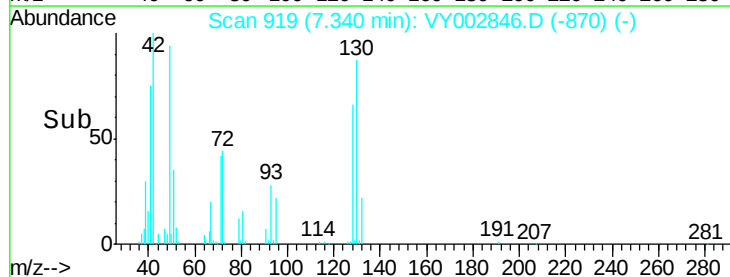
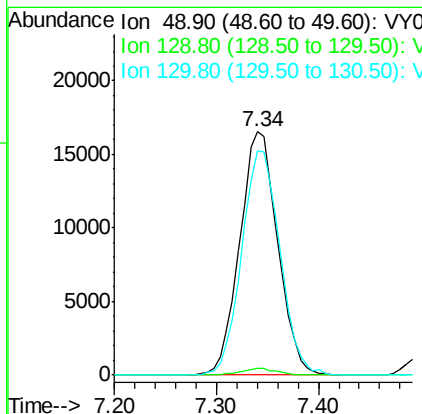
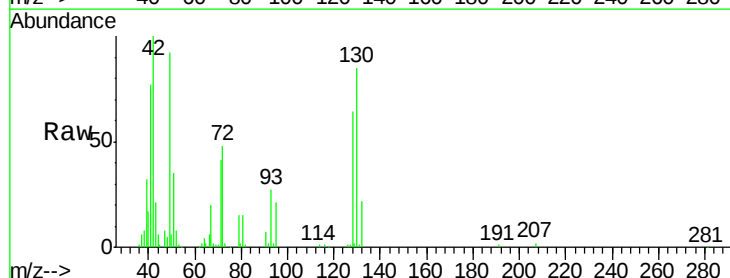
MMDadoda
6/8/2020 11:28:07 AM

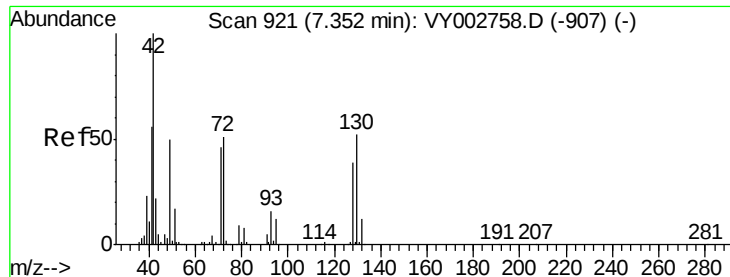


#28

Bromochloromethane
Concen: 22.701 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.2
130	92.6	77.1	115.7





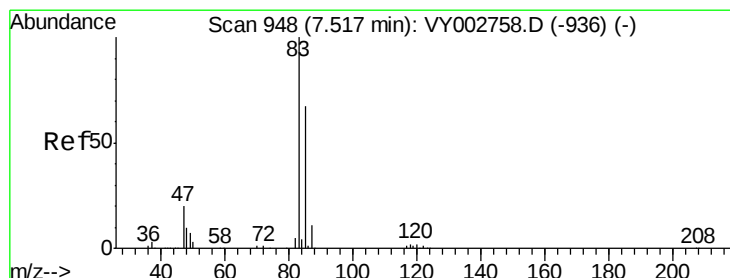
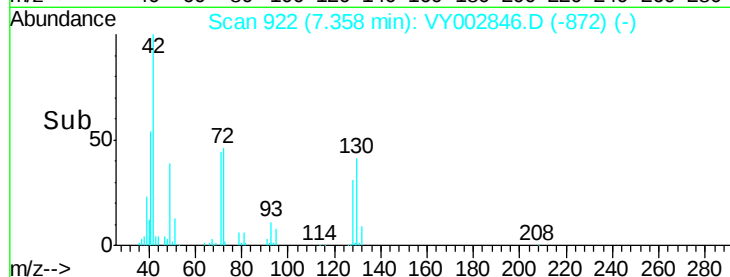
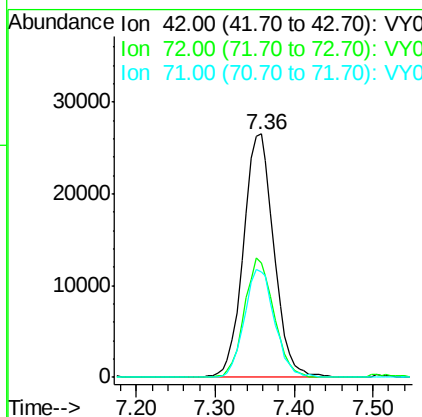
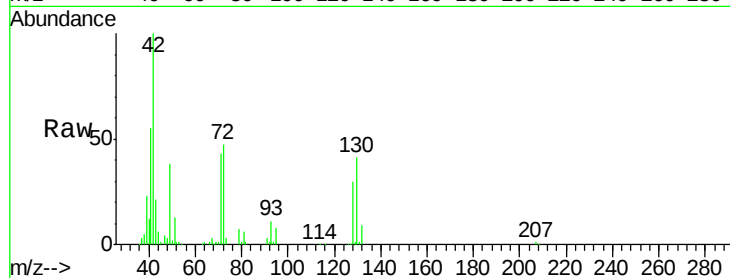
#29
Tetrahydrofuran
Concen: 111.556 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.2	38.6	58.0
71	44.1	35.8	53.8

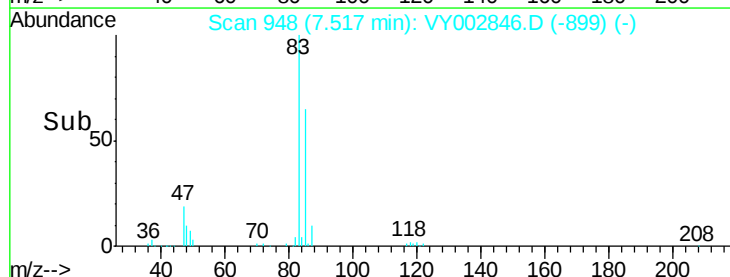
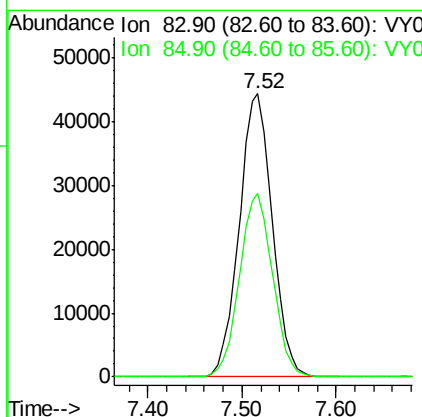
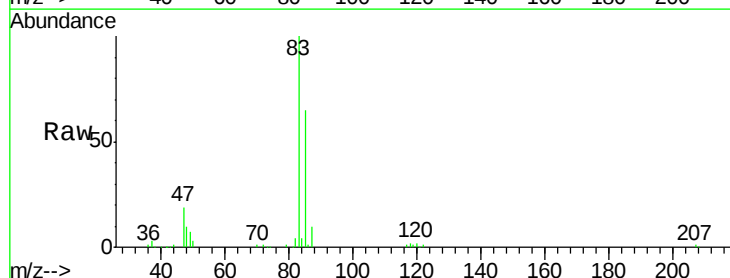
Manual Integrations
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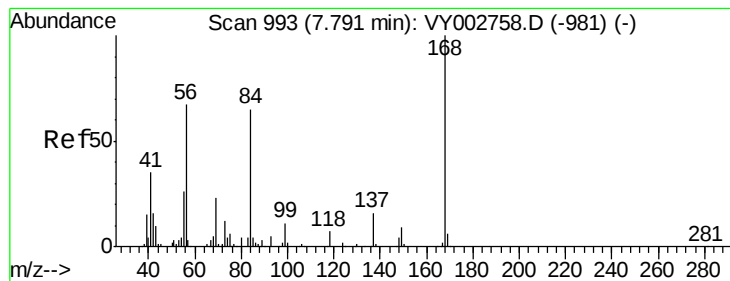
MMDadoda
6/8/2020 11:28:07 AM



#30
Chloroform
Concen: 22.115 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	53.8	80.8





#31

Cyclohexane

Concen: 21.483 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

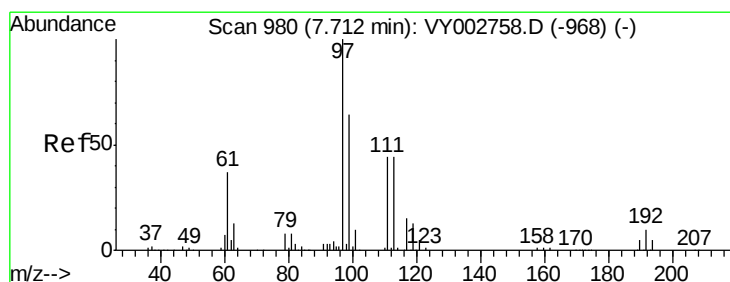
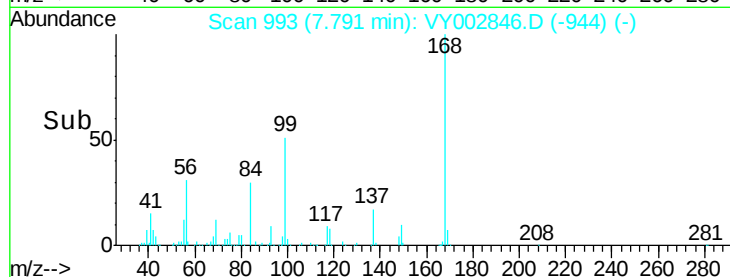
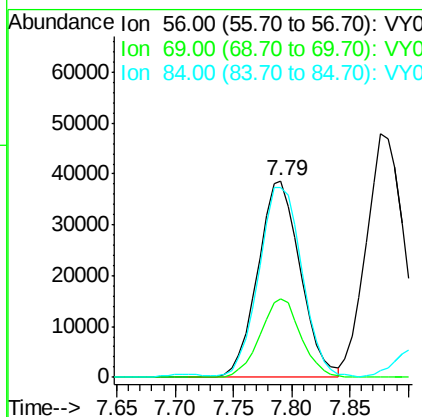
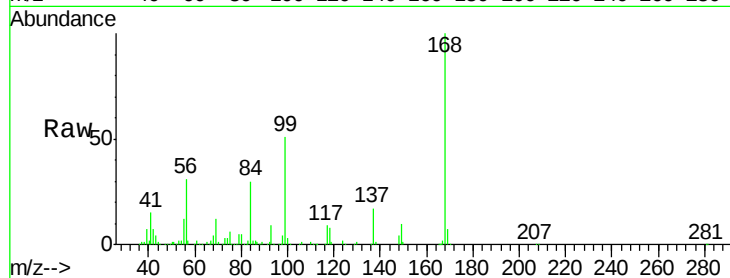
ClientSampleId :

VY0605SBS01

Tot Ion:	56	Resp:	98150
Ion Ratio	Lower	Upper	
56	100		
69	39.6	28.0	42.0
84	94.9	77.7	116.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.410 ug/l

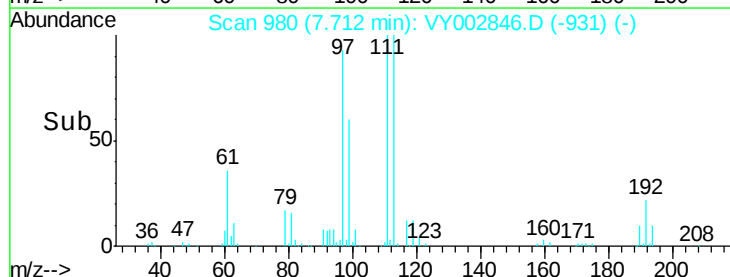
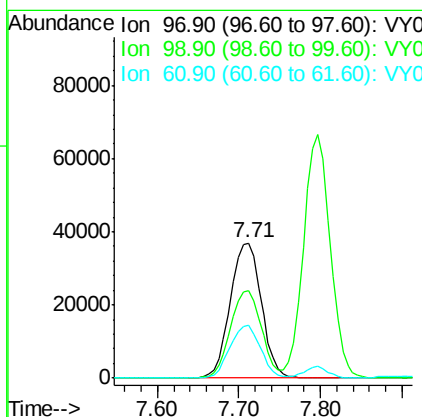
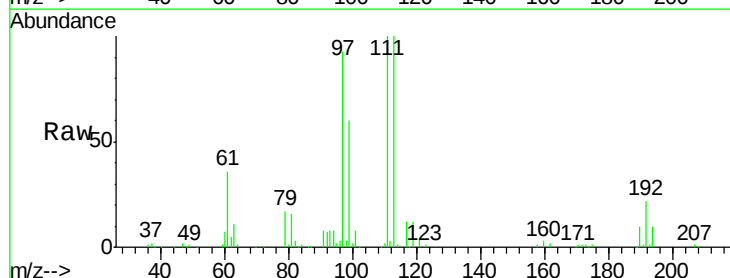
RT: 7.71 min Scan# 980

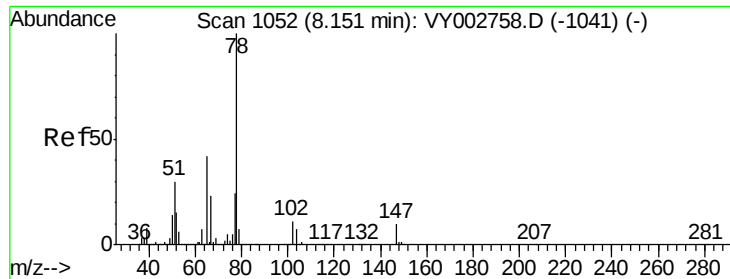
Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Tgt Ion:	97	Resp:	97420
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.4	77.0
61	38.4	30.1	45.1





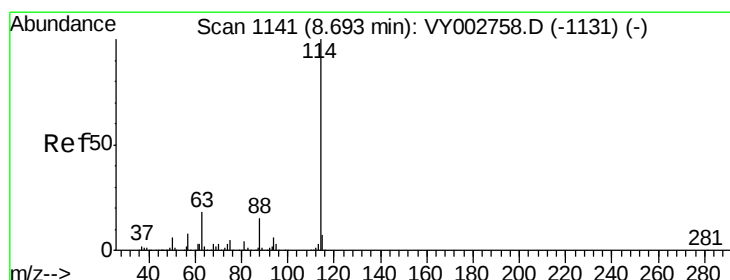
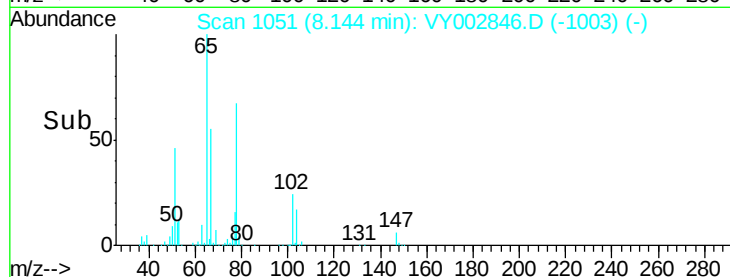
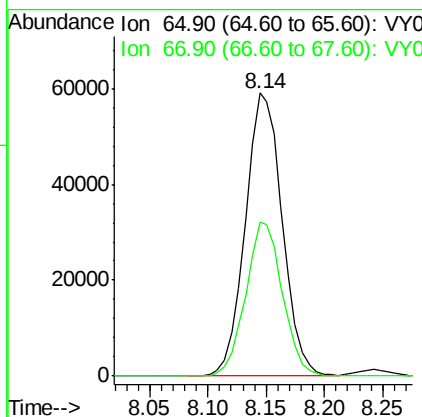
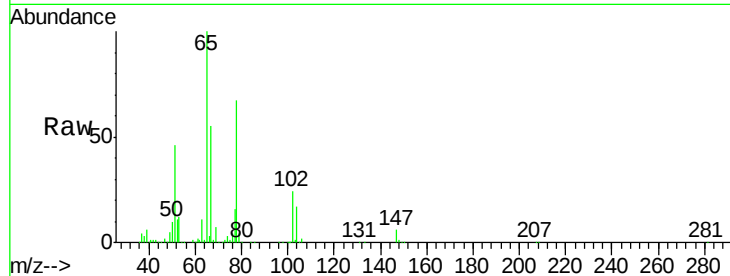
#33
 1,2-Dichloroethane-d4
 Concen: 48.528 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	111.0

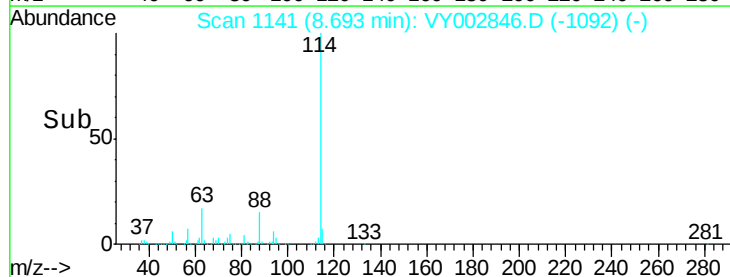
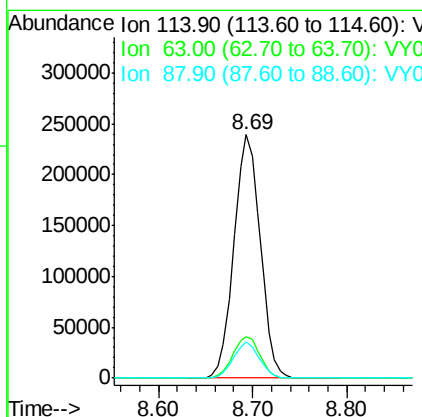
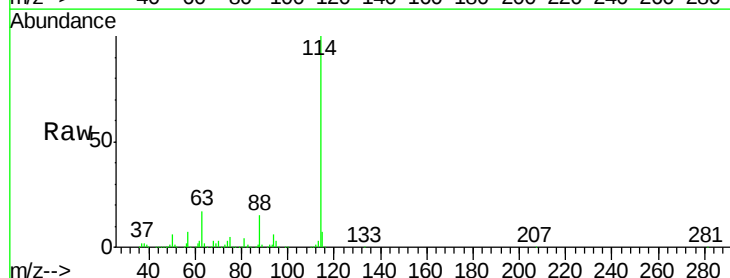
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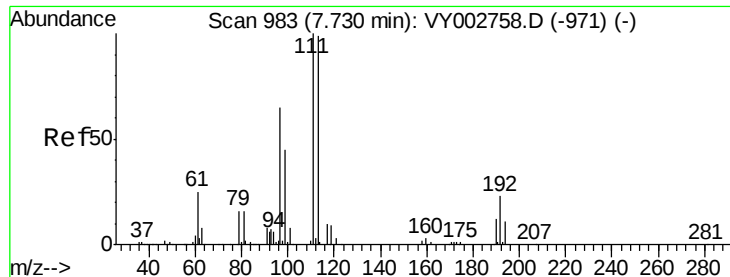
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	35.2
88	14.8	0.0	29.2





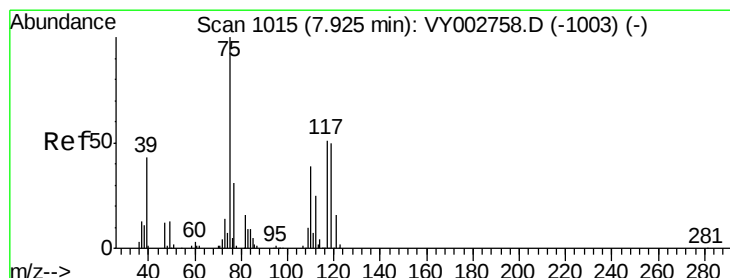
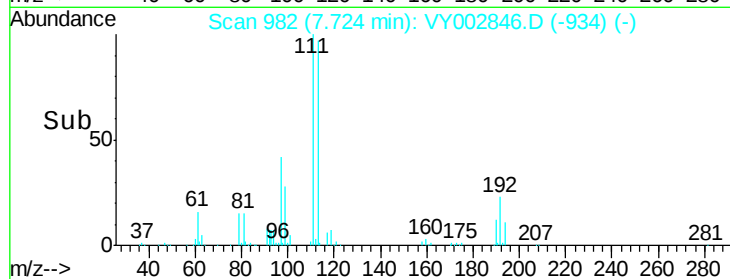
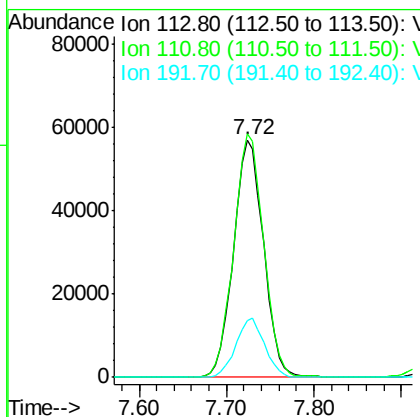
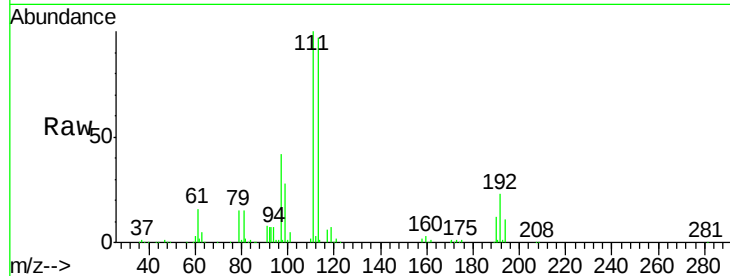
#35
Dibromofluoromethane
Concen: 49.853 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.5	82.0	123.0	
192	23.9	18.9	28.3	

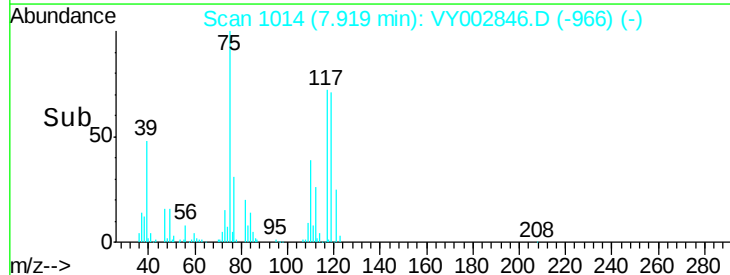
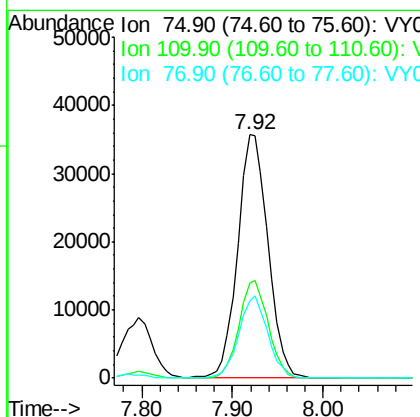
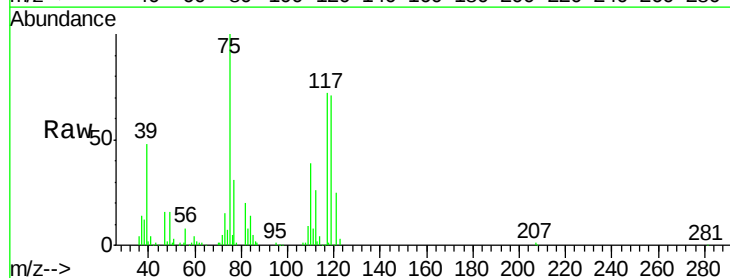
Manual Integrations
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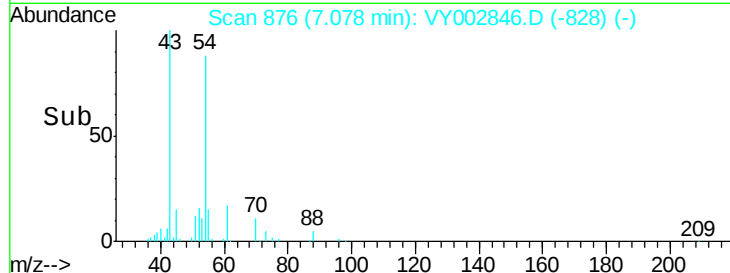
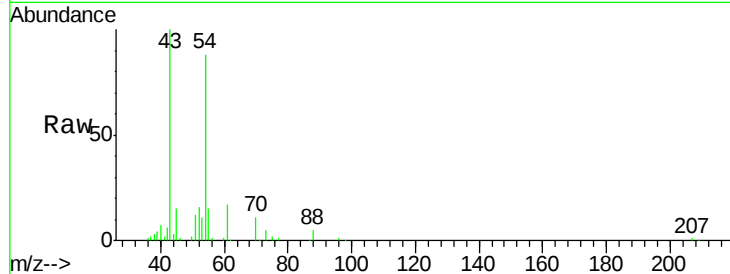
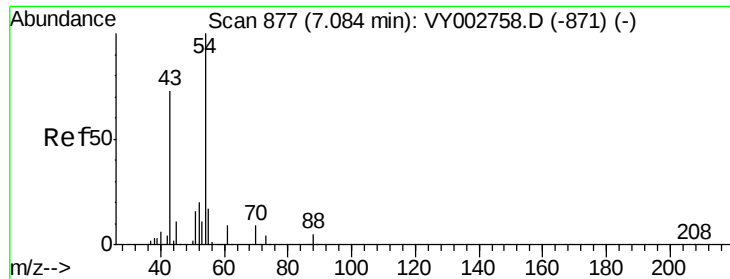
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#36
1,1-Dichloropropene
Concen: 21.217 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	38.5	19.3	57.9	
77	32.0	24.8	37.2	





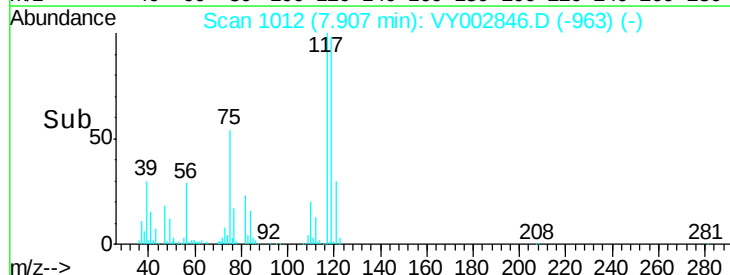
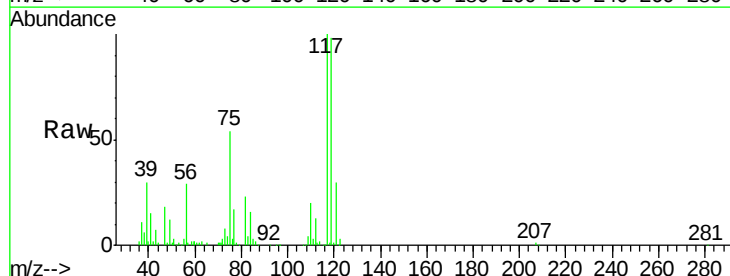
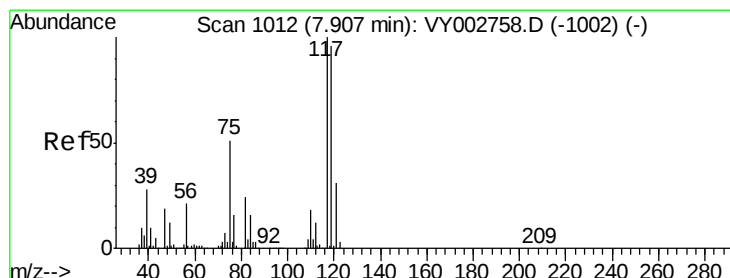
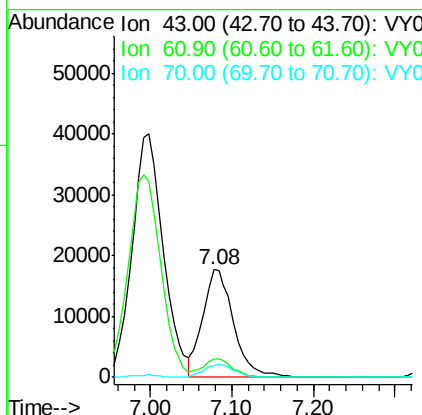
#37
Ethyl Acetate
Concen: 22.110 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	11.9	17.9
70	11.6	9.1	13.7

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

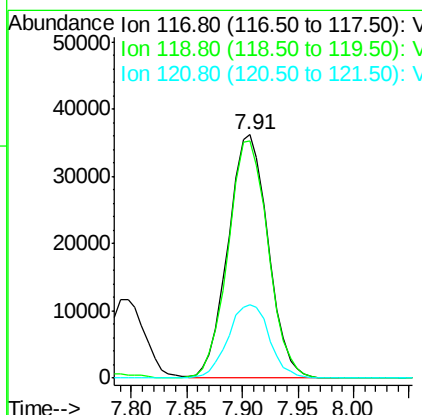
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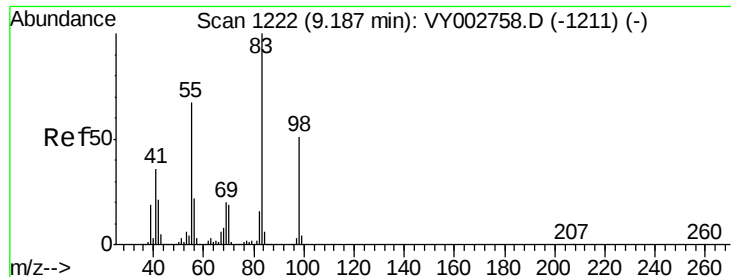
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#38
Carbon Tetrachloride
Concen: 20.857 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.8	115.2
121	30.3	24.8	37.2





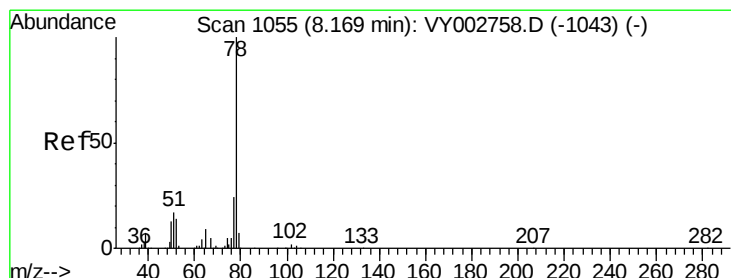
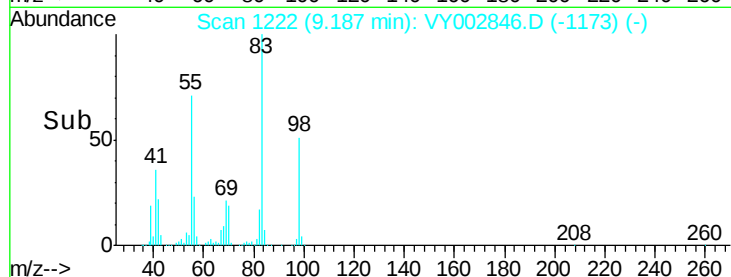
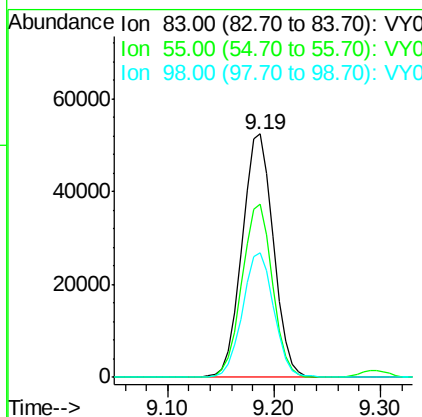
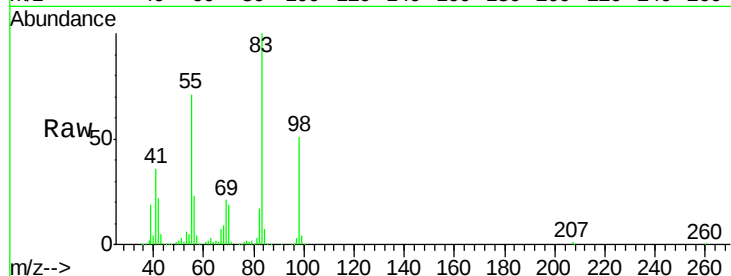
#39
Methvlcvclohexane
Concen: 21.098 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.1	53.3	79.9
98	51.3	41.1	61.7

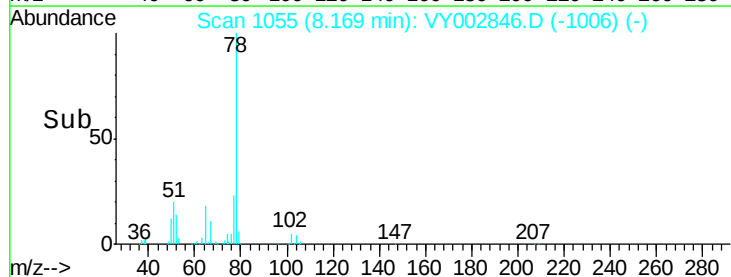
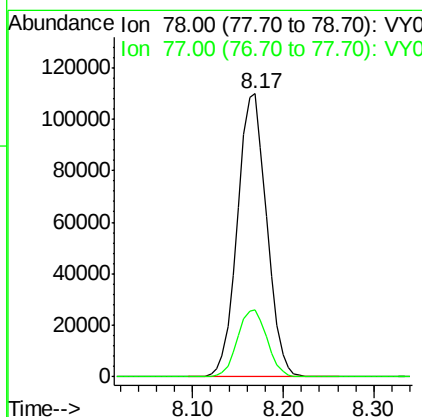
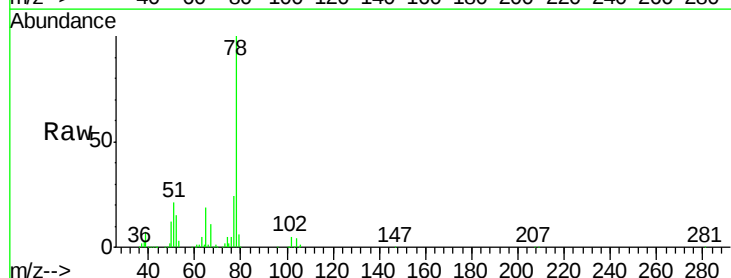
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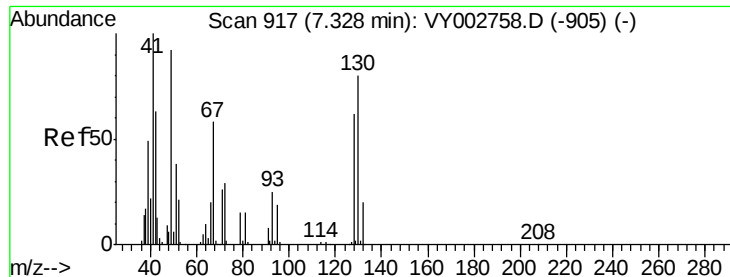
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#40
Benzene
Concen: 21.389 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





#41

Methacrylonitrile

Concen: 20.827 ug/l m

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

Tot Ion: 41 Resp: 23778

Ion Ratio Lower Upper

41 100

39 0.0 97.6 146.4#

67 0.0 0.0 0.0

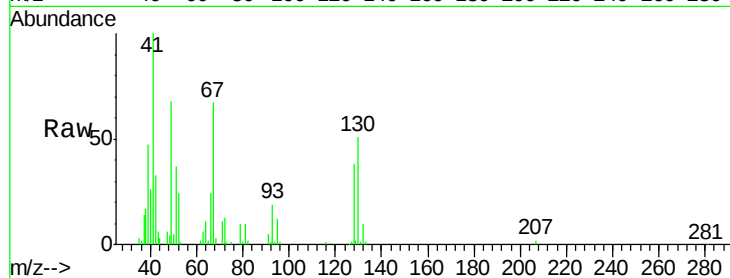
52 0.0 0.0 0.0

Manual Integrations

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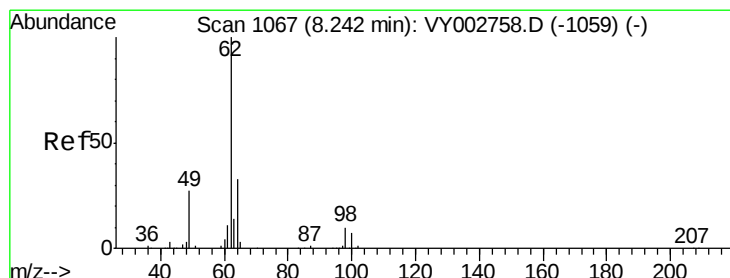
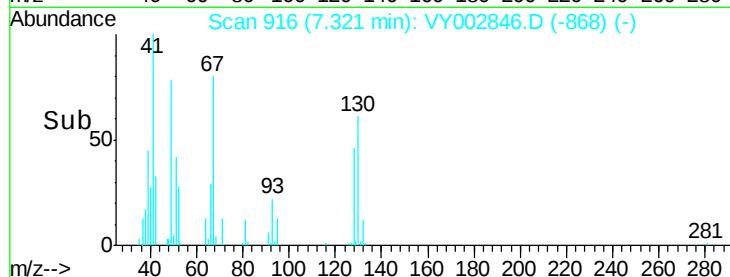
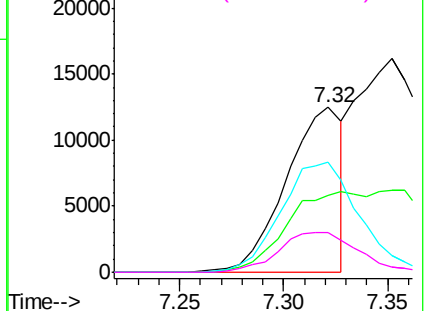


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 20.997 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY002846.D

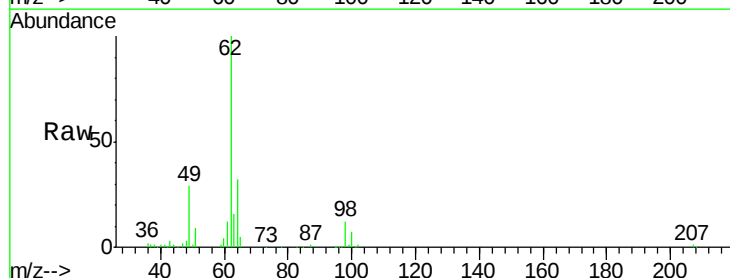
Acq: 05 Jun 2020 14:15

Tgt Ion: 62 Resp: 67916

Ion Ratio Lower Upper

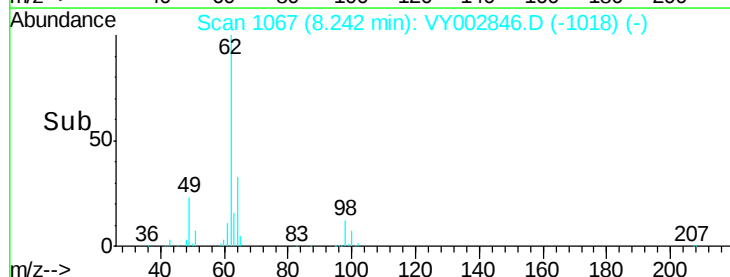
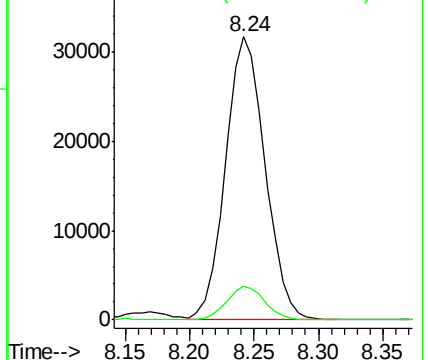
62 100

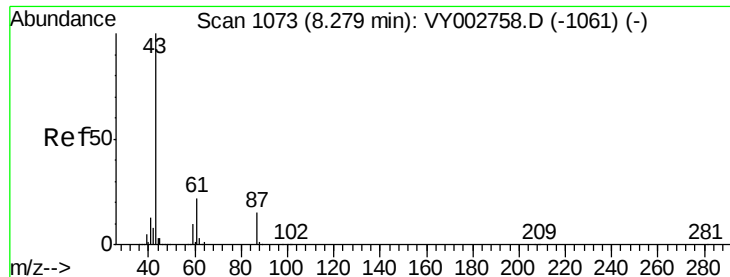
98 11.5 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 21.517 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

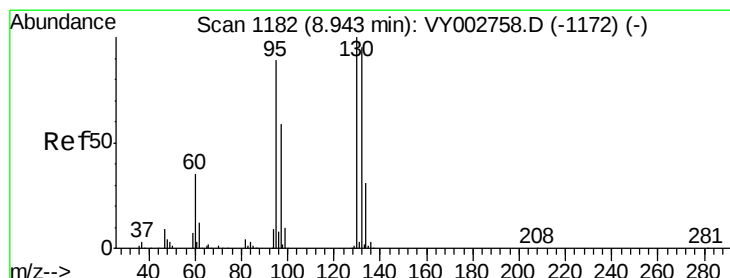
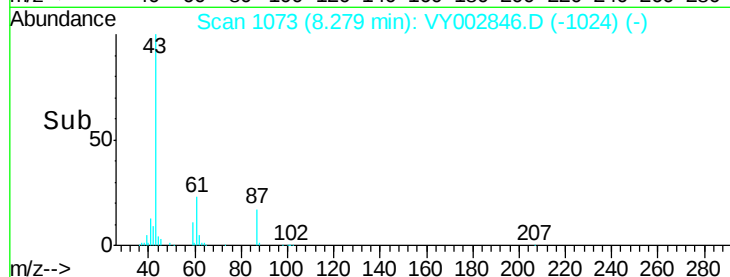
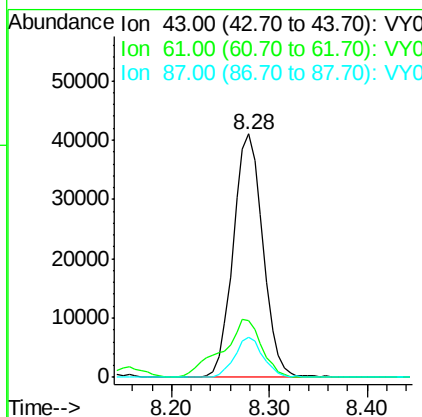
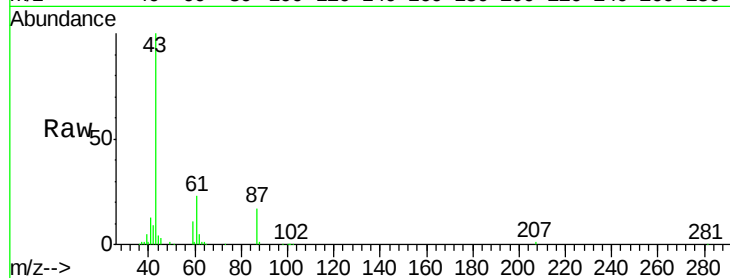
ClientSampleId :

VY0605SBS01

Tot Ion:	43	Resp:	86654
Ion	Ratio	Lower	Upper
43	100		
61	31.2	24.8	37.2
87	15.8	12.4	18.6

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#44

Trichloroethene

Concen: 20.848 ug/l

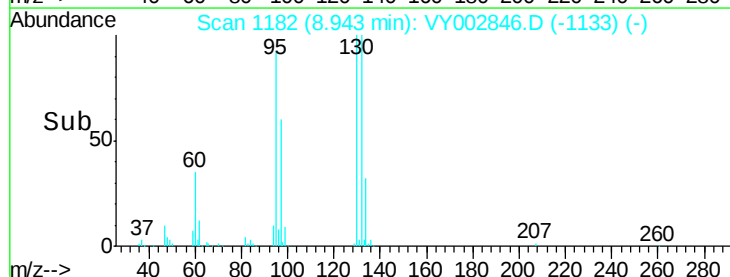
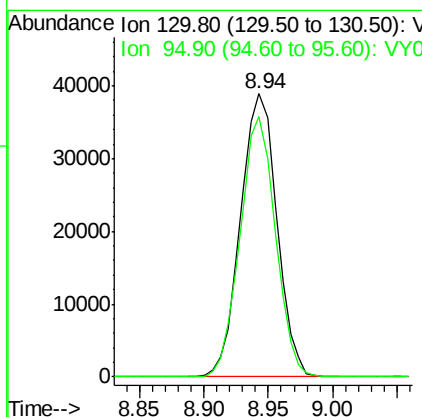
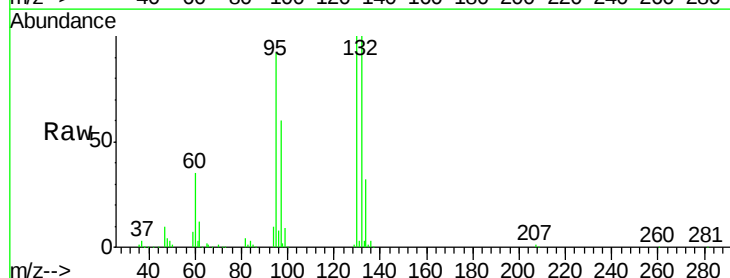
RT: 8.94 min Scan# 1182

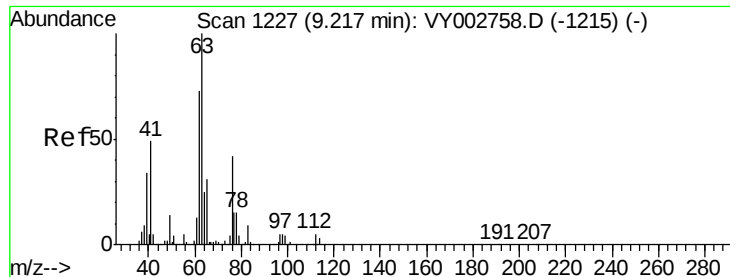
Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Tgt Ion:	130	Resp:	76003
Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	178.8





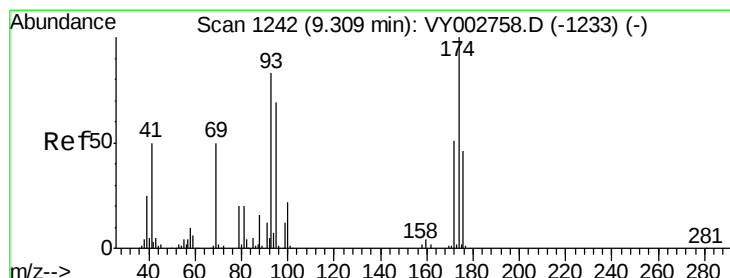
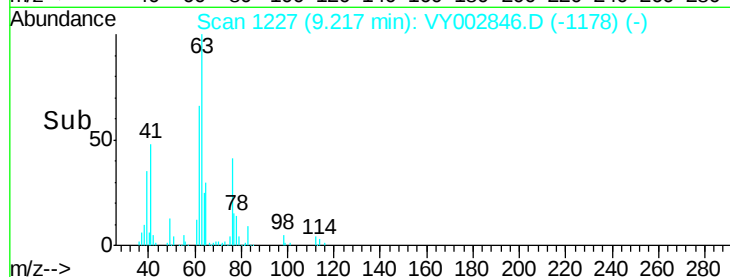
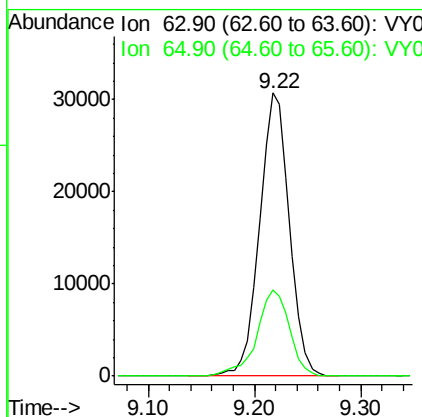
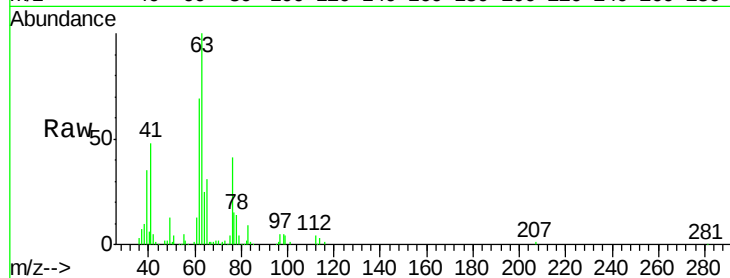
#45
 1,2-Dichloropropane
 Concen: 21.693 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.8	37.2

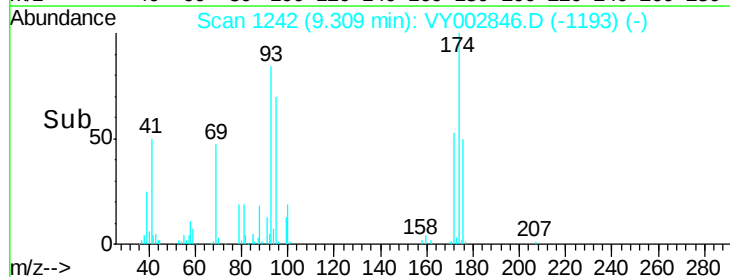
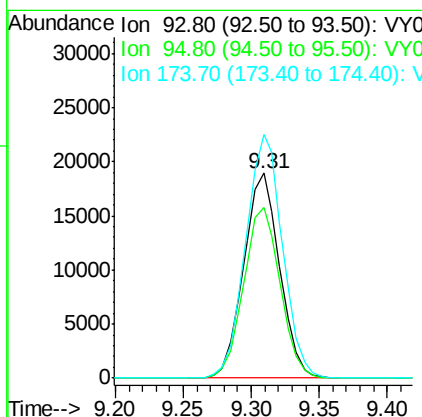
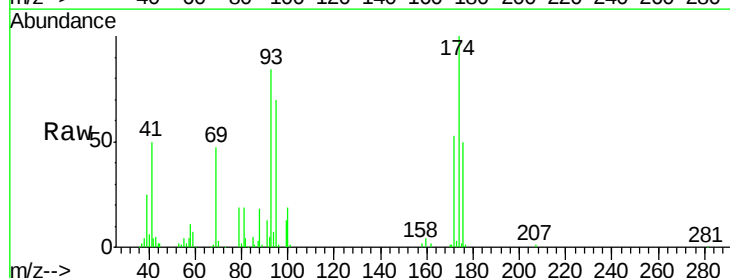
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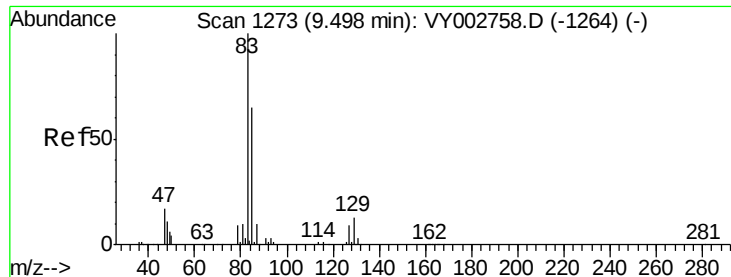
MMDadoda
 6/8/2020 11:28:07 AM



#46
 Dibromomethane
 Concen: 21.324 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.6	66.9	100.3
174	121.8	97.7	146.5





#47

Bromodichloromethane

Concen: 21.567 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

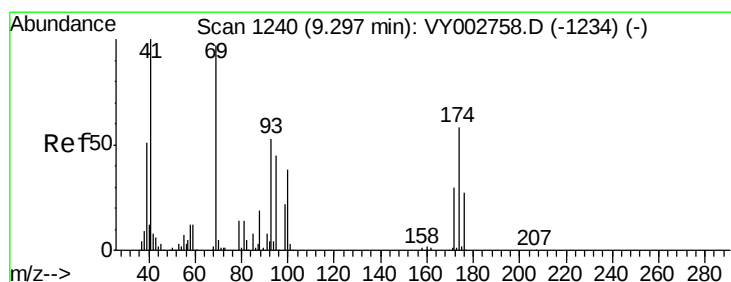
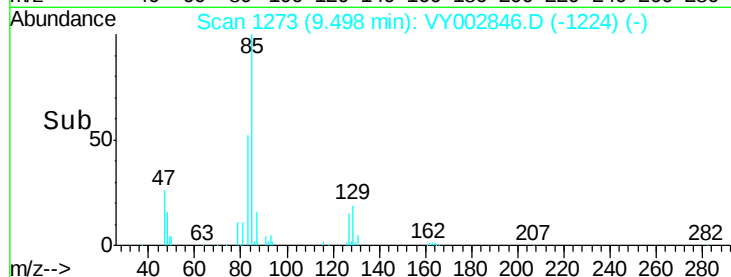
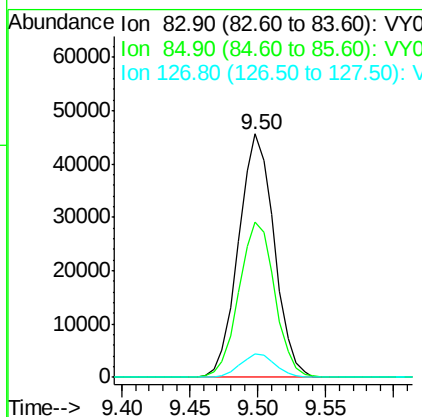
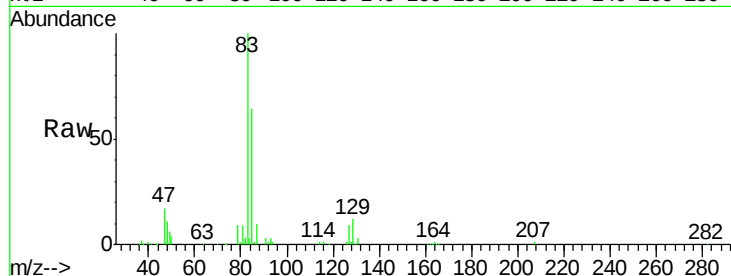
ClientSampleId :

VY0605SBS01

Tot Ion:	83	Resp:	83574
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.9	77.9
127	9.5	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.480 ug/l

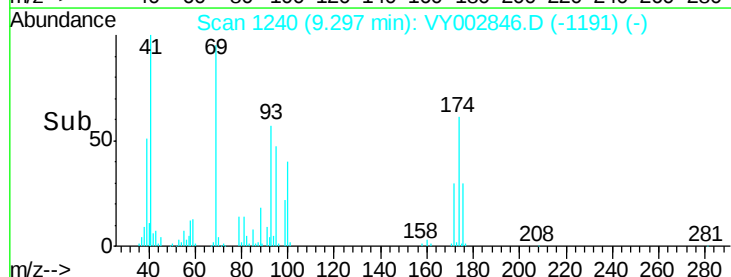
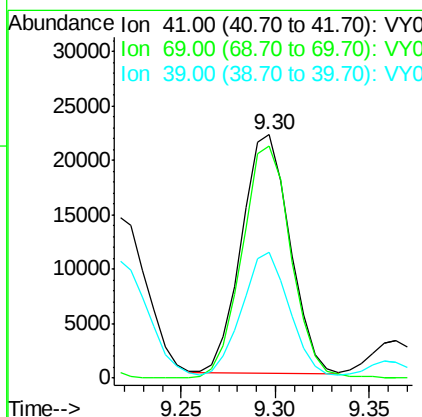
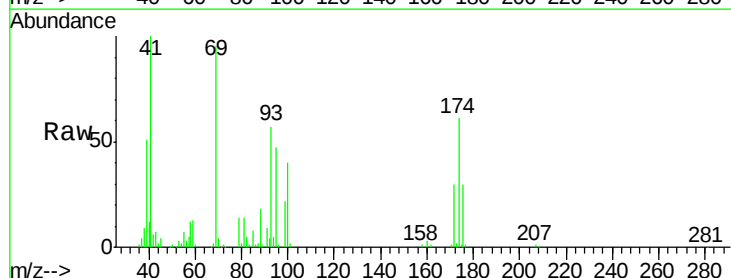
RT: 9.30 min Scan# 1240

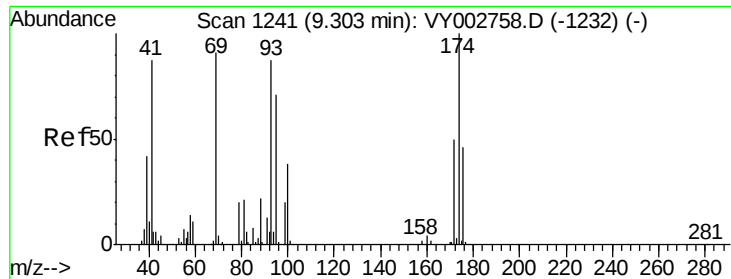
Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Tgt Ion:	41	Resp:	39051
Ion	Ratio	Lower	Upper
41	100		
69	98.7	79.7	119.5
39	52.9	43.3	64.9





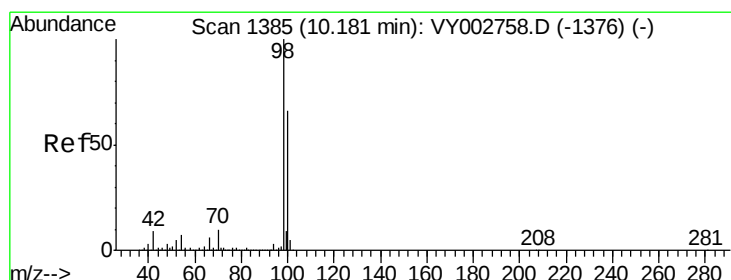
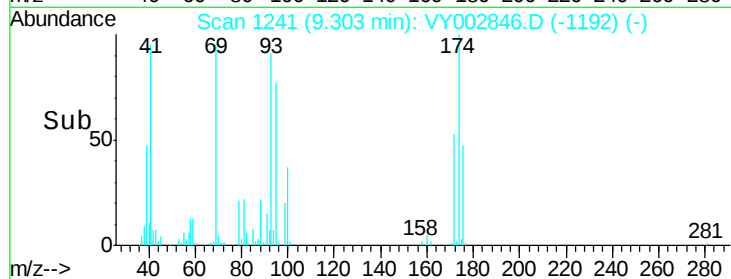
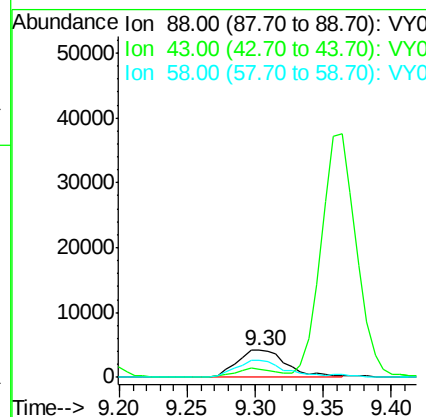
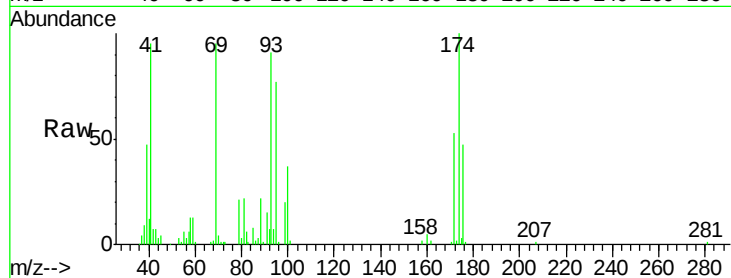
#49
1,4-Dioxane
Concen: 423.153 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	88	Resp	10680
Ion Ratio	Lower	Upper	
88	100		
43	26.8	21.3	31.9
58	61.3	52.2	78.2

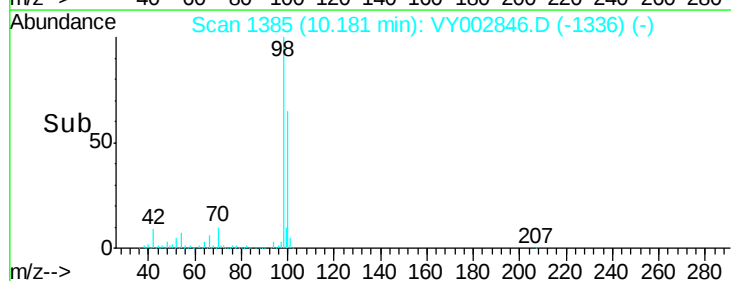
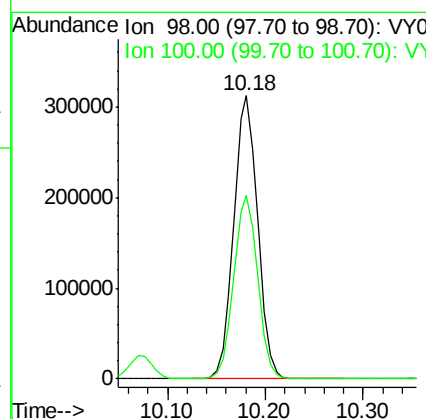
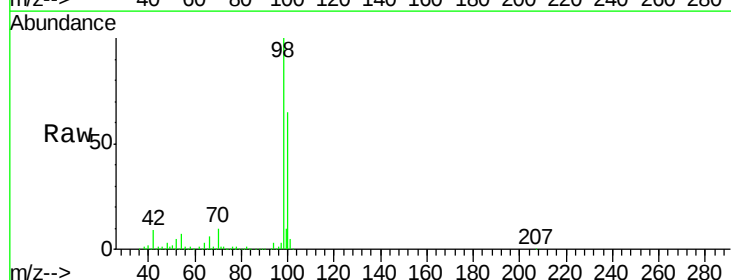
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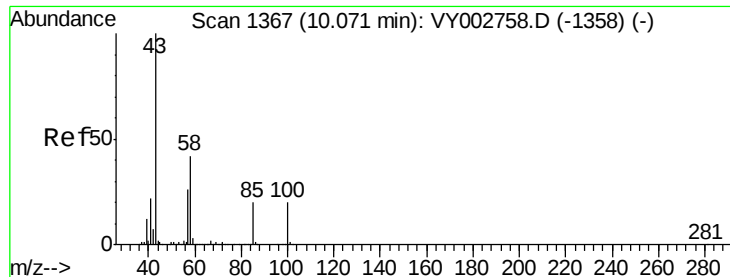
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#50
Toluene-d8
Concen: 47.935 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion	98	Resp	526676
Ion Ratio	Lower	Upper	
98	100		
100	64.9	52.2	78.2





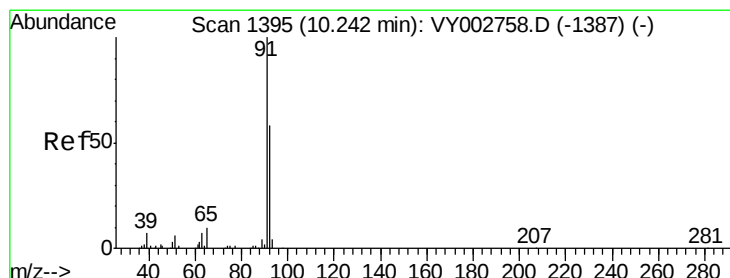
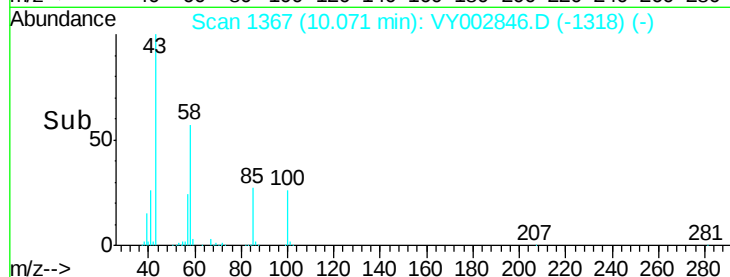
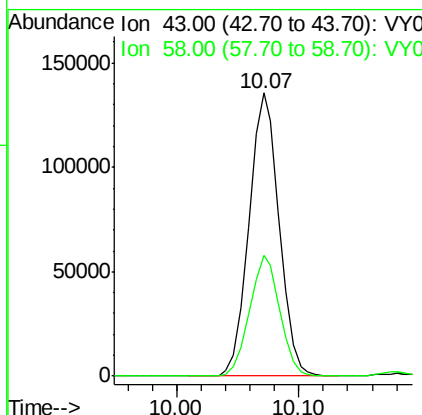
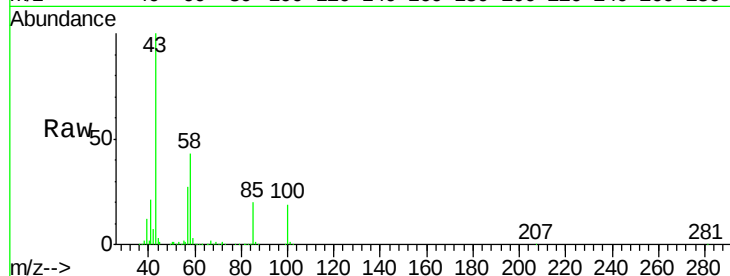
#51
4-Methyl-2-Pentanone
Concen: 108.664 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion: 43 Resp: 231726
Ion Ratio Lower Upper
43 100
58 42.6 34.2 51.2

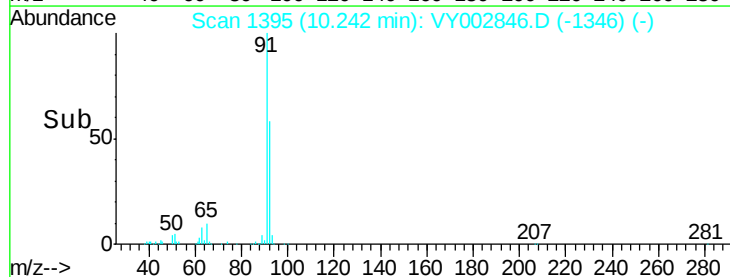
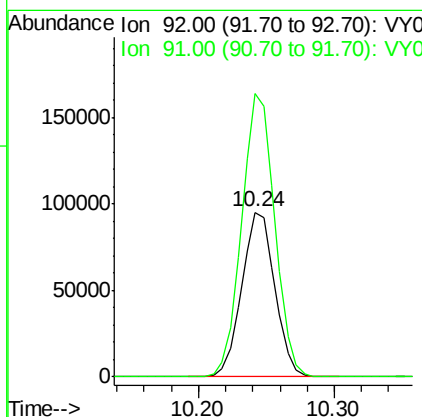
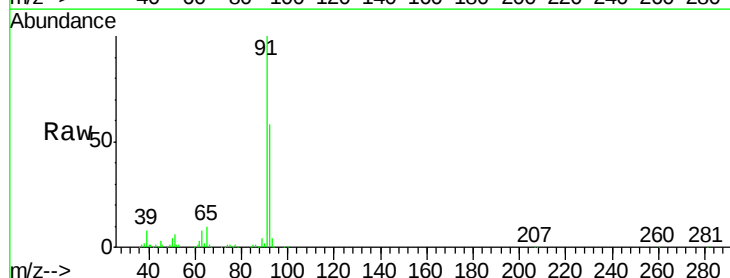
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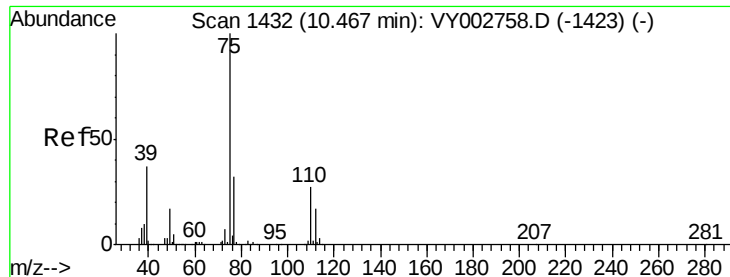
MMDadoda
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#52
Toluene
Concen: 21.377 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion: 92 Resp: 161397
Ion Ratio Lower Upper
92 100
91 172.0 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 21.407 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBSD01

Tot Ion: 75 Resp: 90604

Ion Ratio Lower Upper

75 100

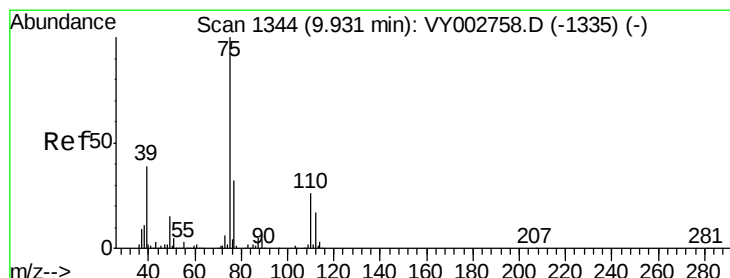
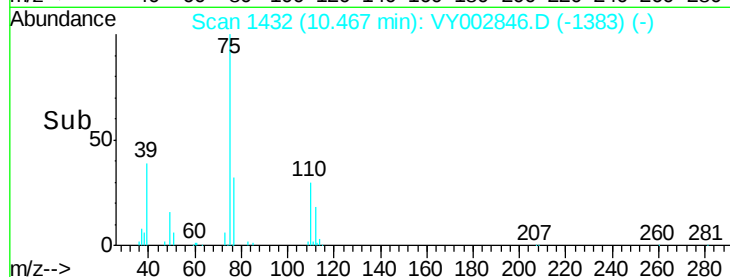
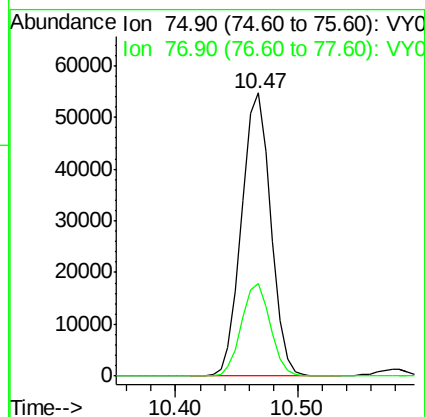
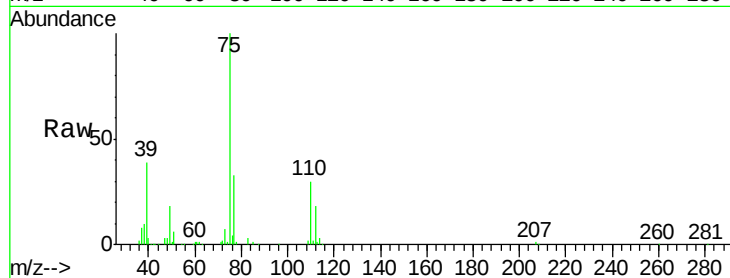
77 32.5 25.3 37.9

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 21.471 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

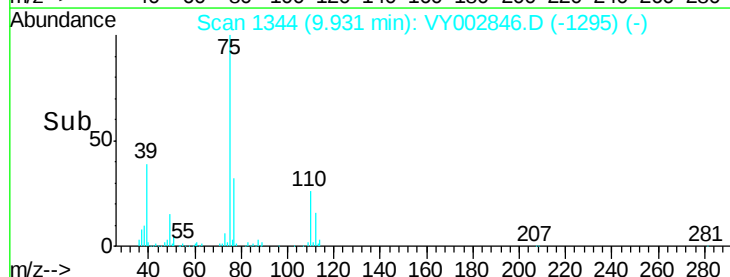
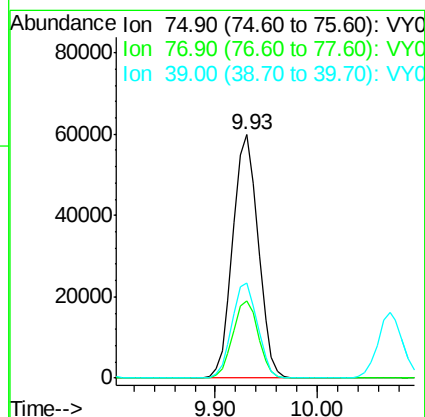
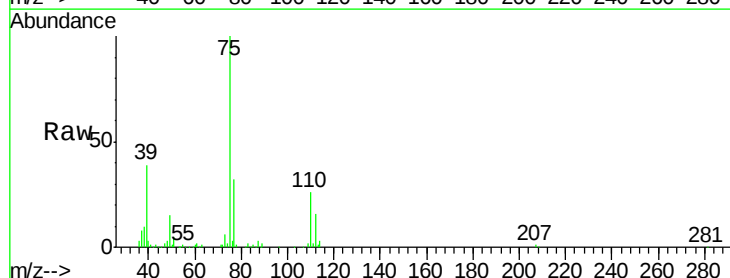
Tgt Ion: 75 Resp: 102972

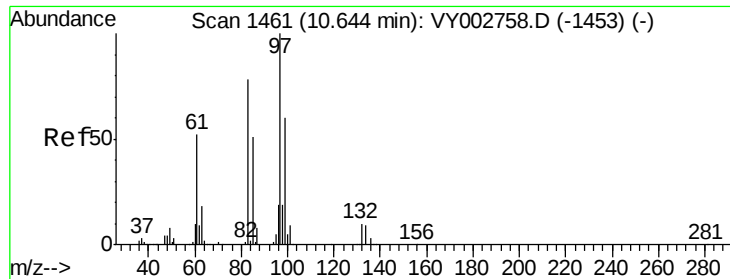
Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4

39 39.1 31.3 46.9





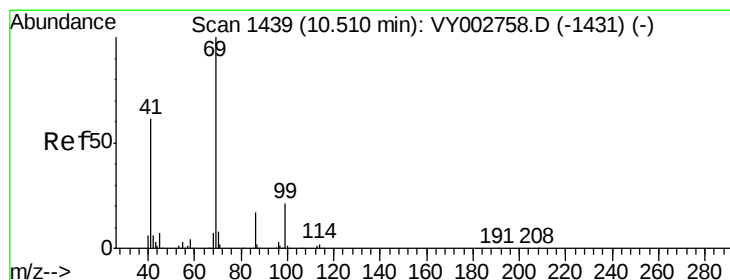
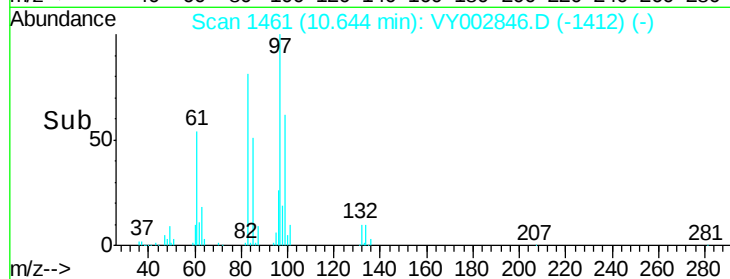
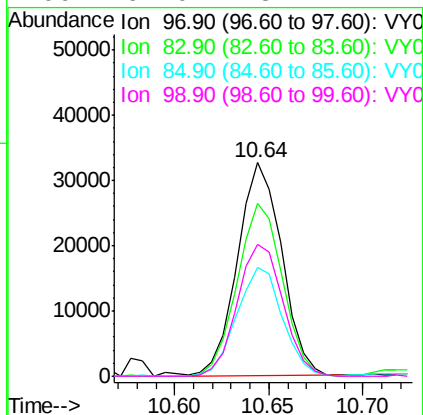
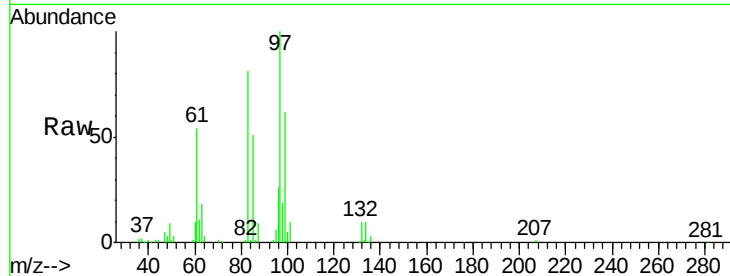
#55
 1,1,2-Trichloroethane
 Concen: 21.132 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion:	97	Resp:	53180
Ion	Ratio	Lower	Upper
97	100		
83	81.6	62.7	94.1
85	50.9	40.6	60.8
99	62.0	48.2	72.4

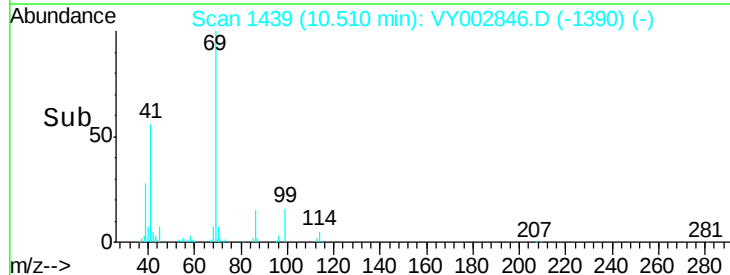
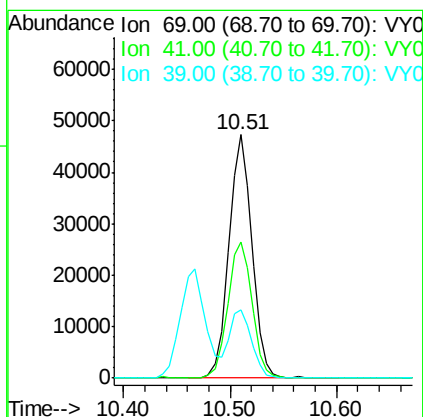
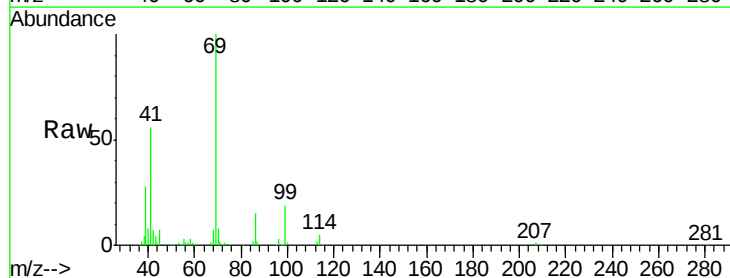
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 21.324 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

Tgt Ion:	69	Resp:	71876
Ion	Ratio	Lower	Upper
69	100		
41	58.9	47.0	70.4
39	27.2	22.0	33.0





#57

1,3-Dichloropropane

Concen: 21.471 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

Tot Ion: 76 Resp: 88870

Ion Ratio Lower Upper

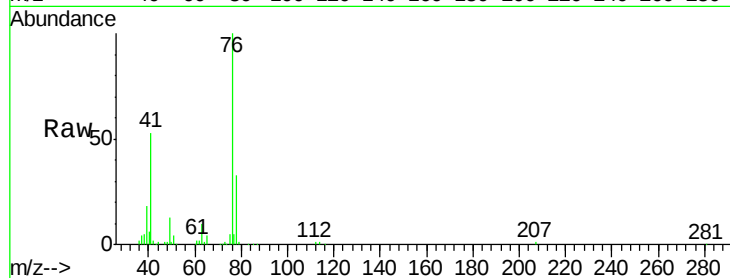
76 100

78 32.7 26.1 39.1

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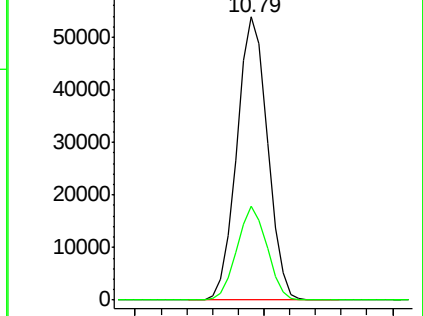
MMDadoda

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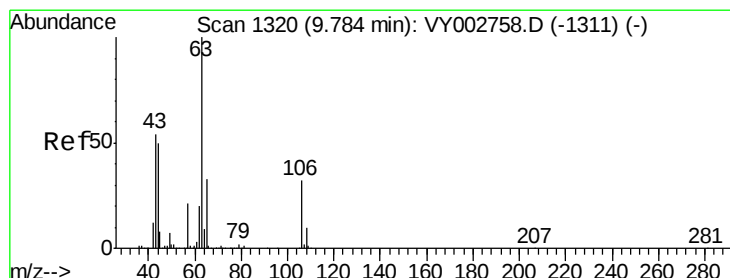
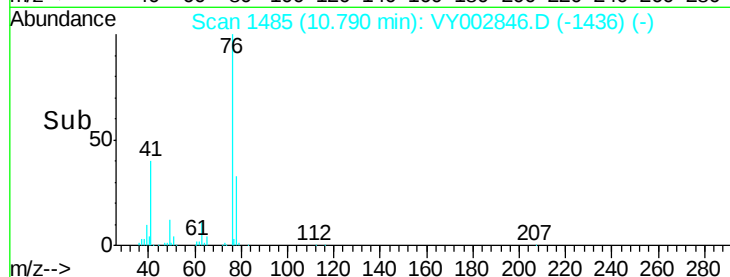


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time--> 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 107.558 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002846.D

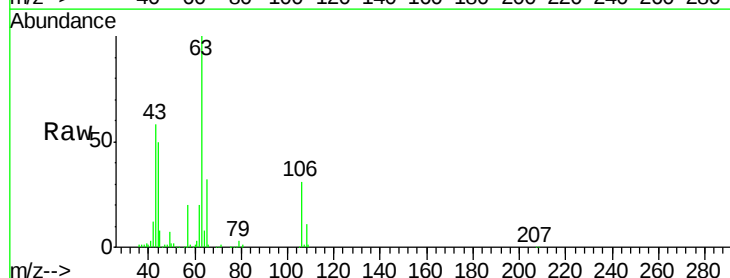
Acq: 05 Jun 2020 14:15

Tgt Ion: 63 Resp: 177147

Ion Ratio Lower Upper

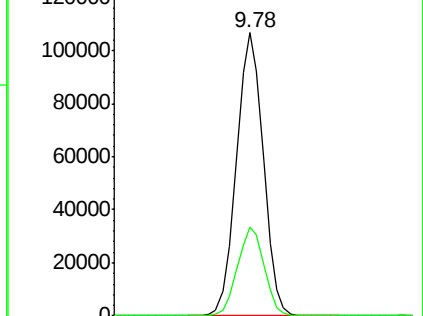
63 100

106 31.2 25.4 38.2

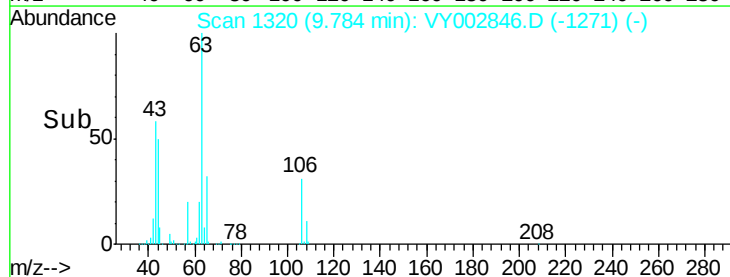


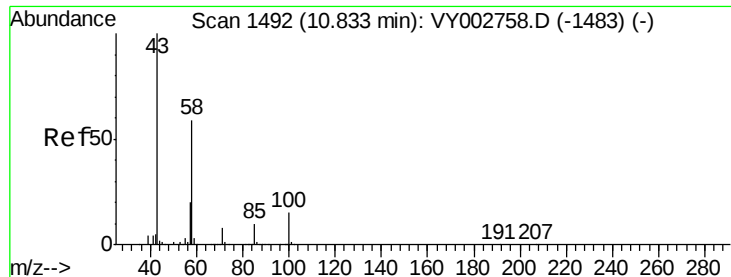
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V



Time--> 9.70 9.75 9.80 9.85 9.90





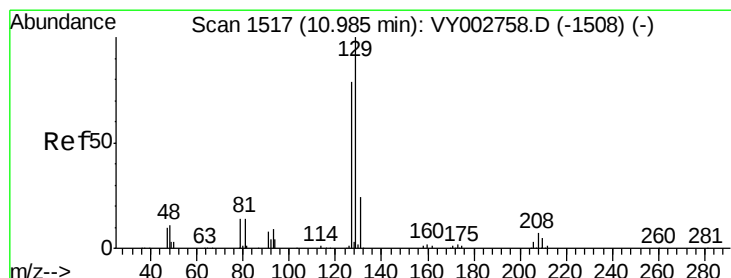
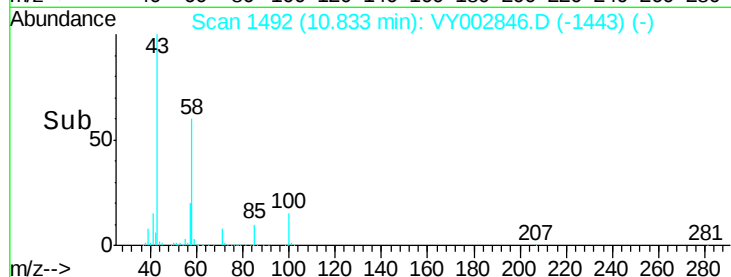
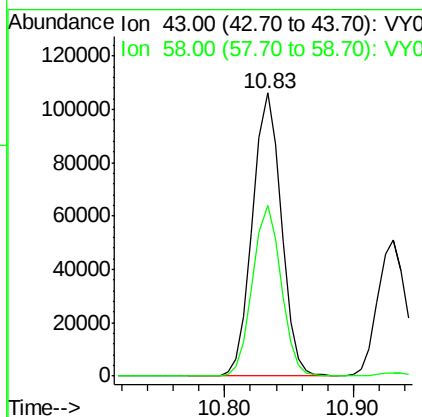
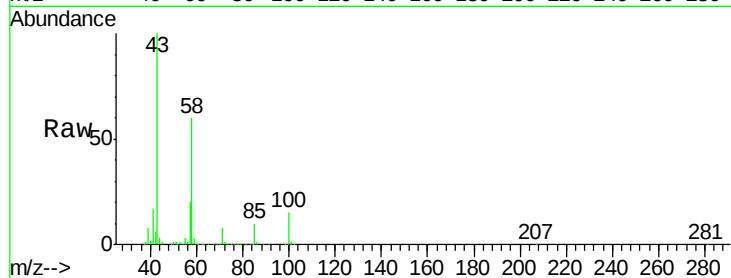
#59
2-Hexanone
Concen: 108.219 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion: 43 Resp: 163742
Ion Ratio Lower Upper
43 100
58 59.7 29.5 88.5

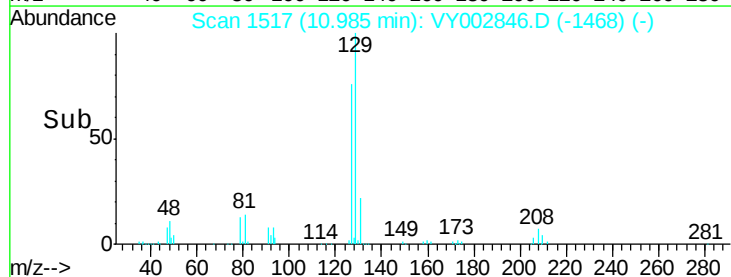
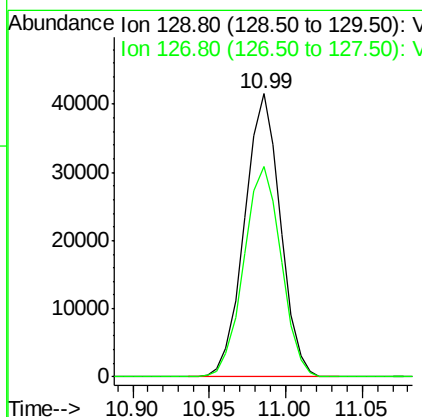
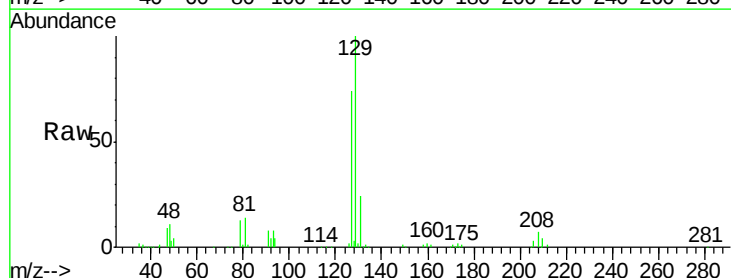
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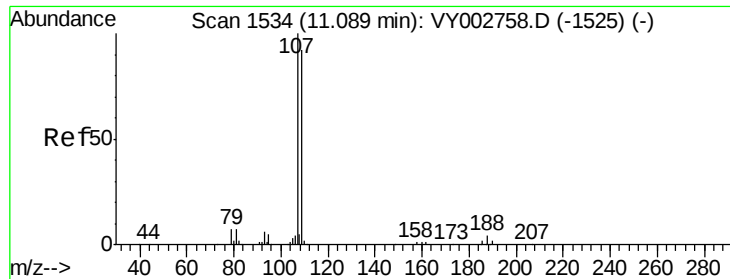
MMDadoda
6/8/2020 11:28:07 AM



#60
Dibromochloromethane
Concen: 21.222 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion: 129 Resp: 67709
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3





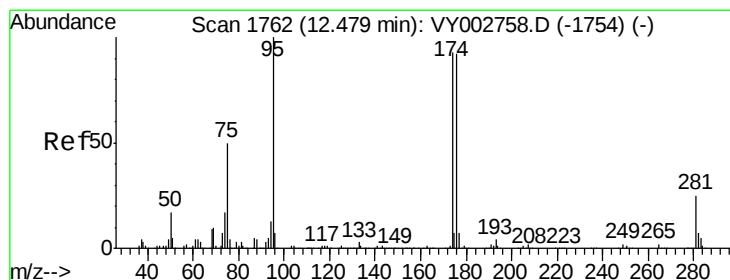
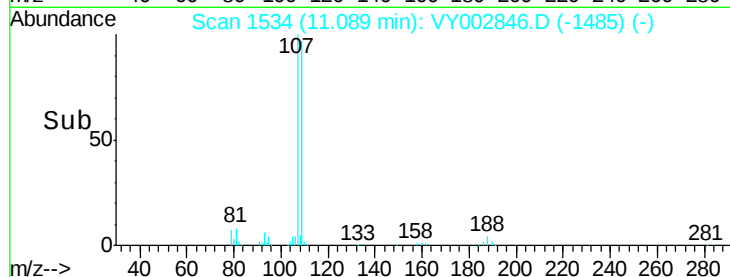
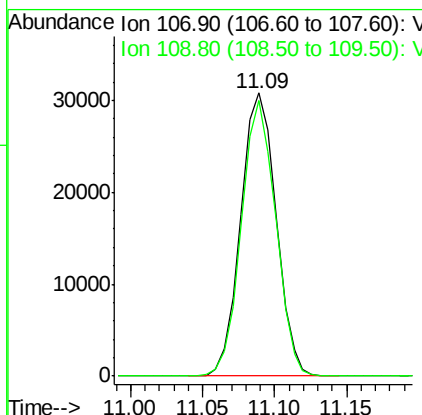
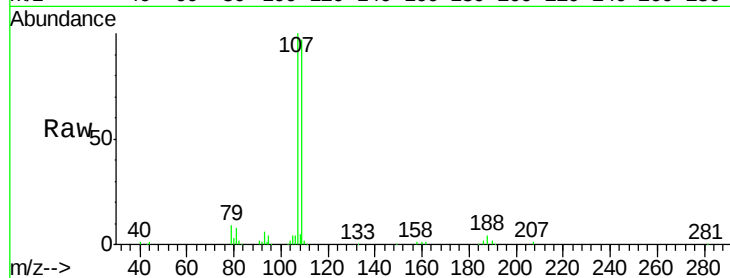
#61
 1,2-Dibromoethane
 Concen: 21.123 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.6	113.4

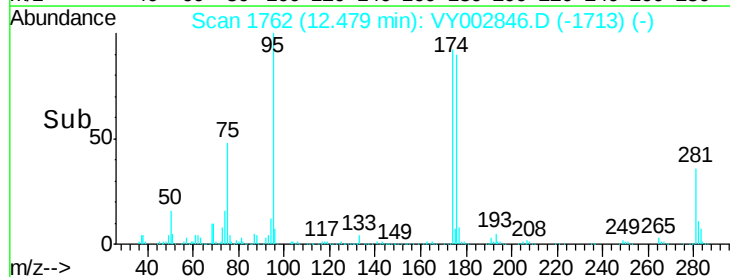
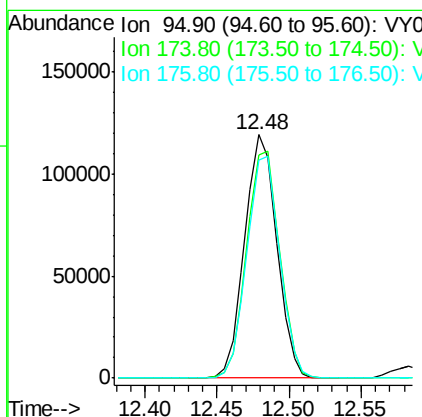
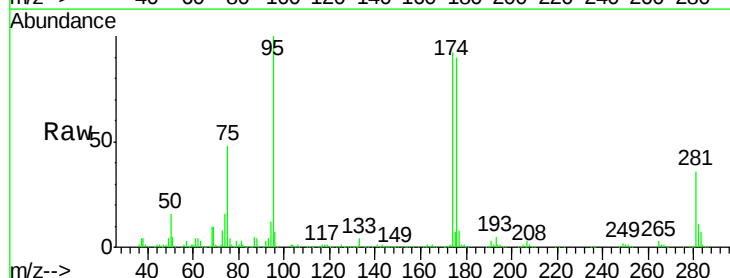
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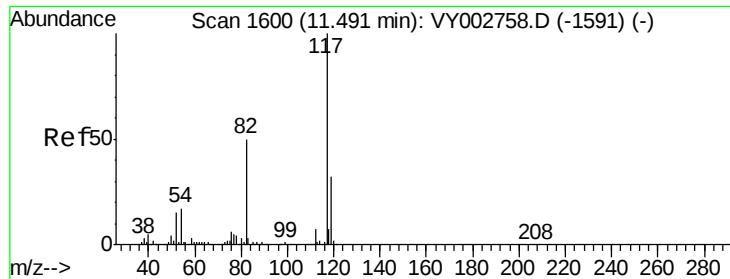
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#62
 4-Bromofluorobenzene
 Concen: 49.093 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.7	0.0	191.2
176	93.0	0.0	188.8





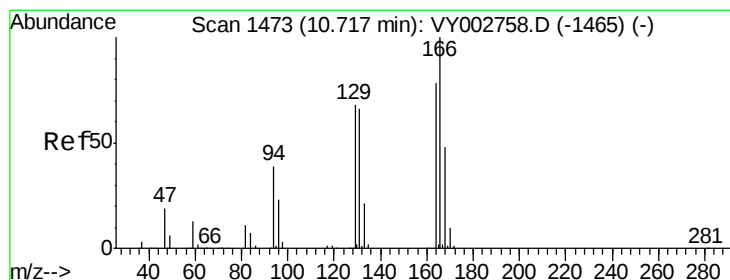
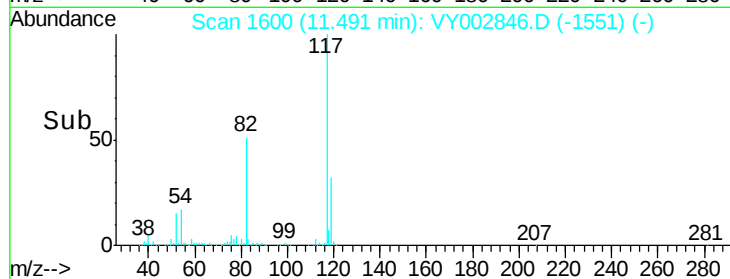
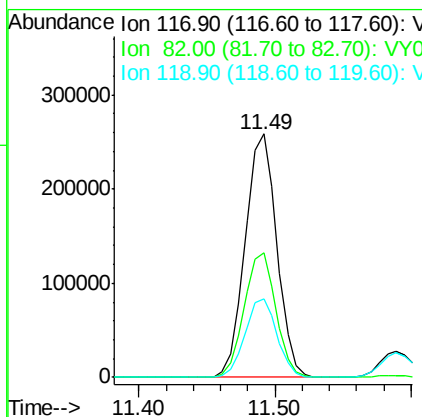
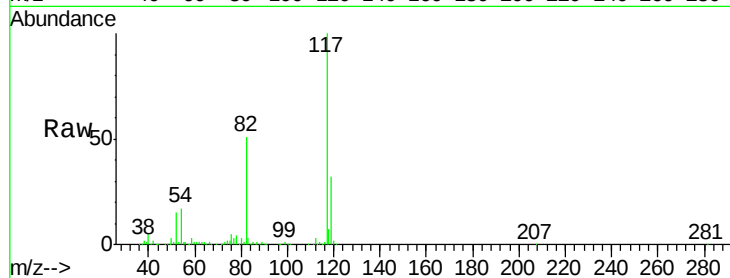
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	40.2	60.4
119	32.1	25.8	38.8

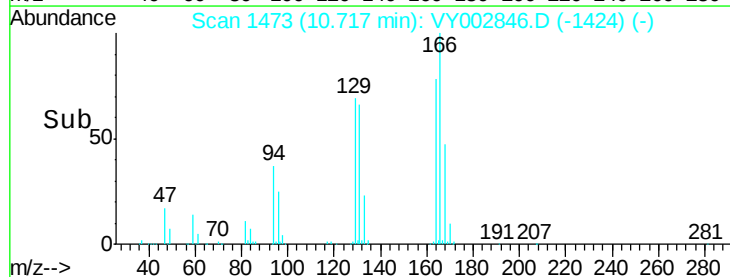
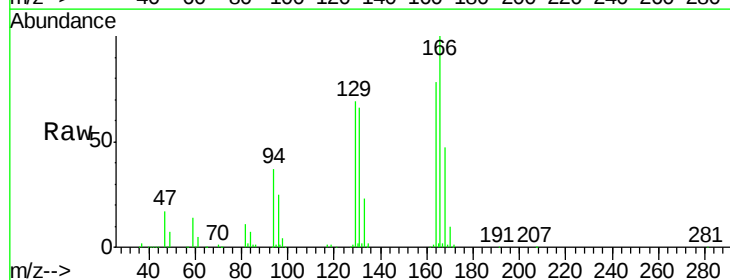
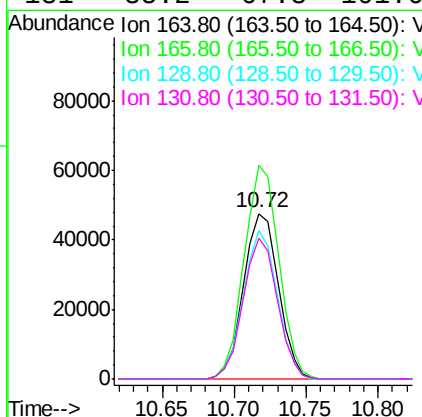
Manual Integrations
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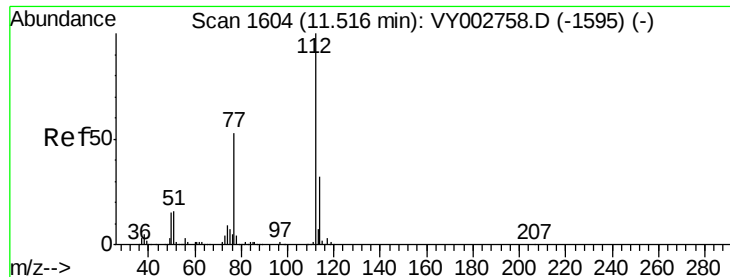
MMDadoda
6/8/2020 11:28:07 AM



#64
Tetrachloroethene
Concen: 20.890 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	102.3	153.5
129	89.6	69.4	104.2
131	85.2	67.8	101.6





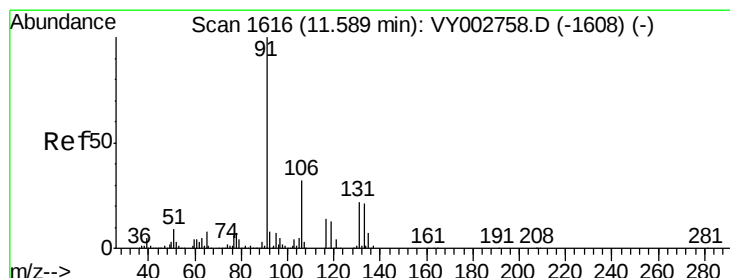
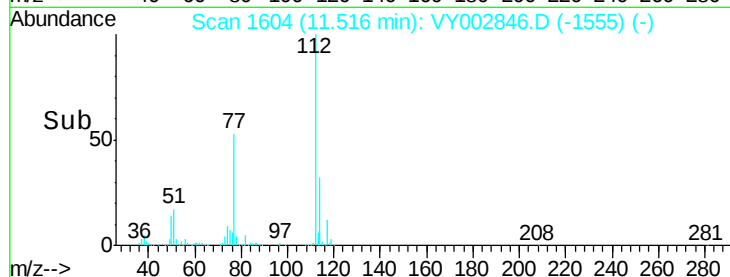
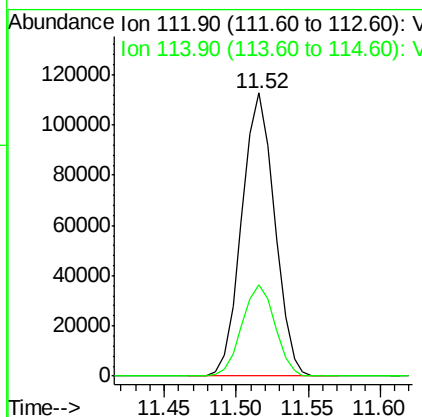
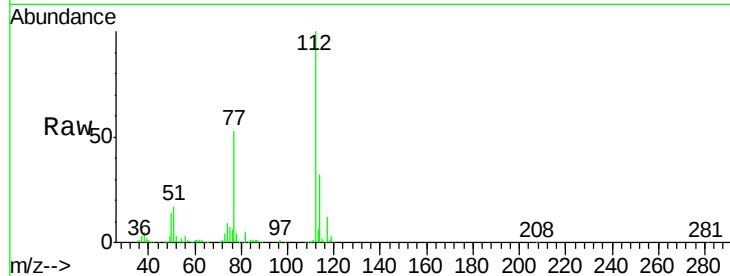
#65
Chlorobenzene
Concen: 21.443 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.7	38.5

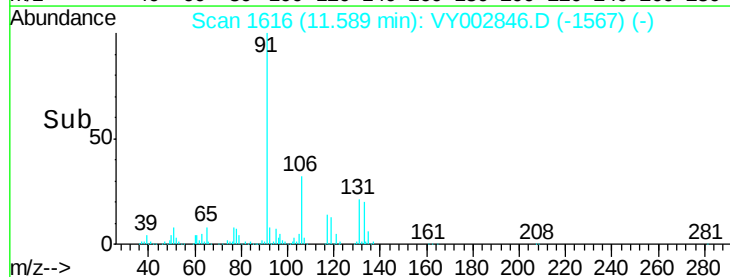
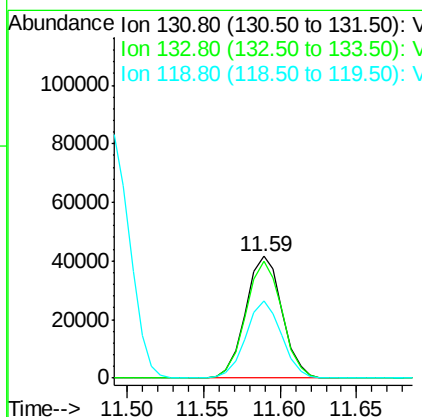
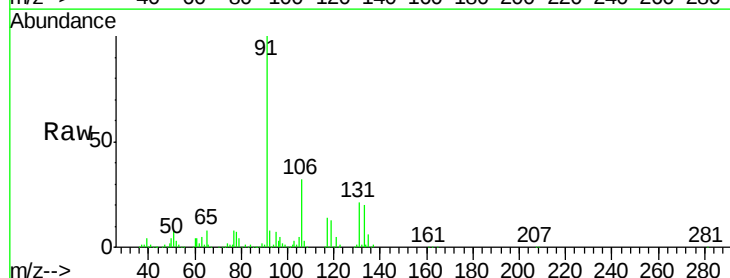
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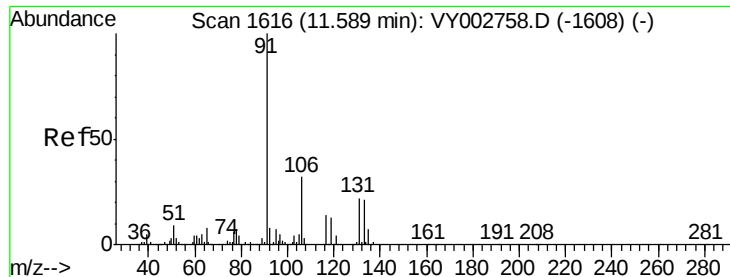
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.891 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.6	142.8
119	62.2	31.7	95.1





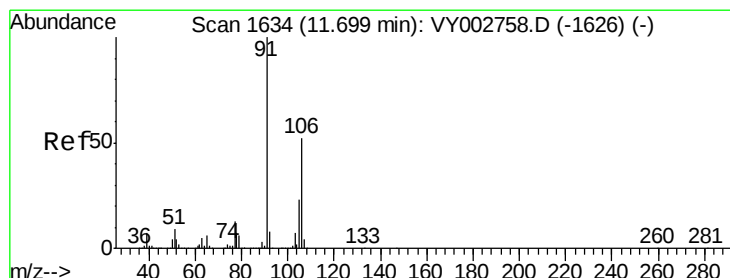
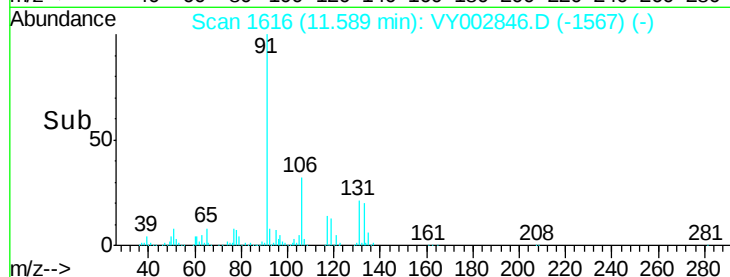
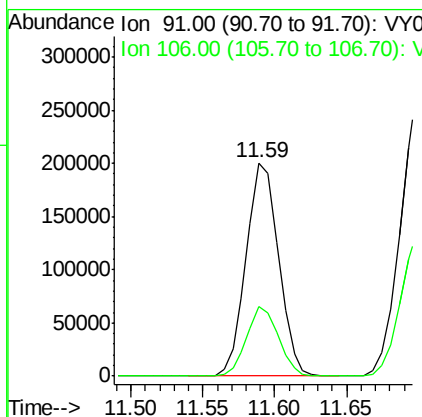
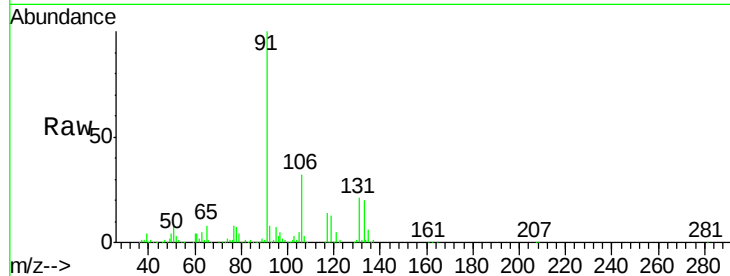
#67
Ethyl Benzene
Concen: 21.680 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.4	25.7	38.5

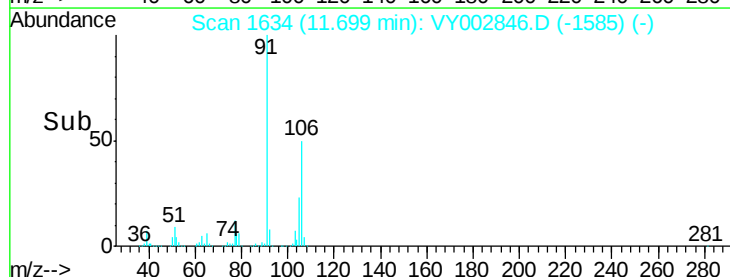
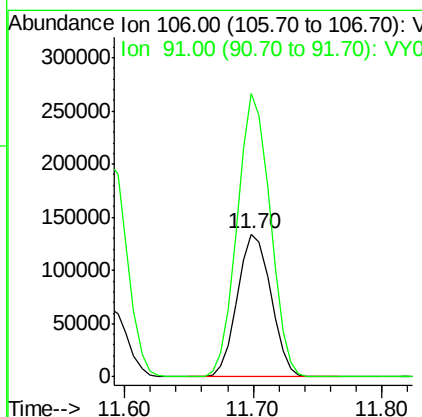
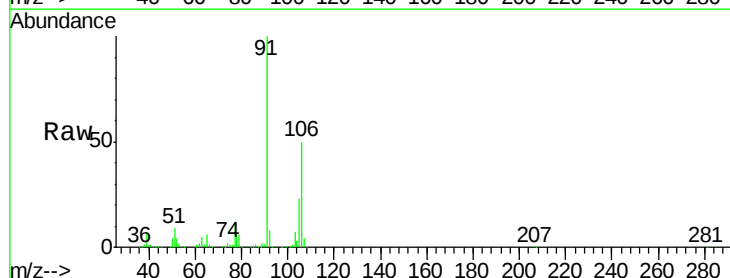
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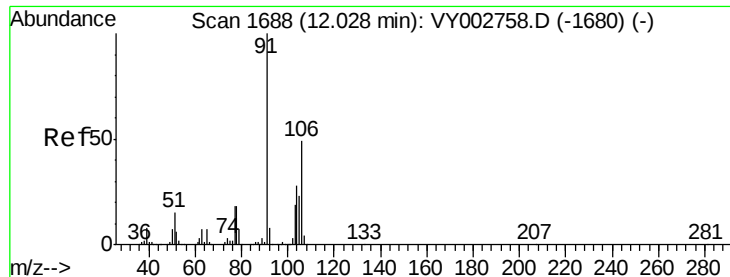
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#68
m/p-Xylenes
Concen: 43.296 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion	Ratio	Lower	Upper
106	100		
91	195.1	156.0	234.0





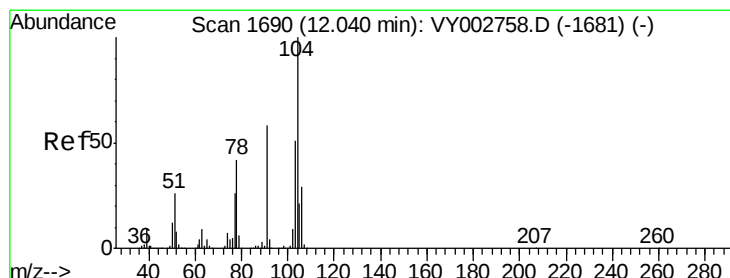
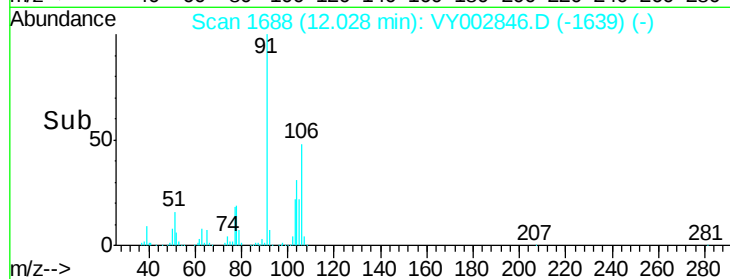
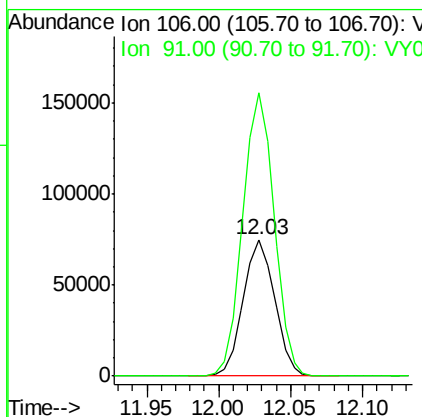
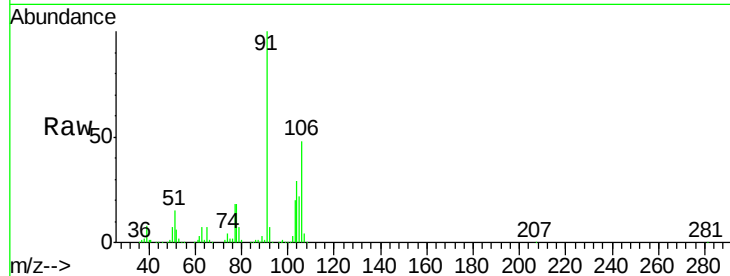
#69
o-Xylene
Concen: 21.510 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion:106 Resp: 113702
Ion Ratio Lower Upper
106 100
91 206.6 102.4 307.1

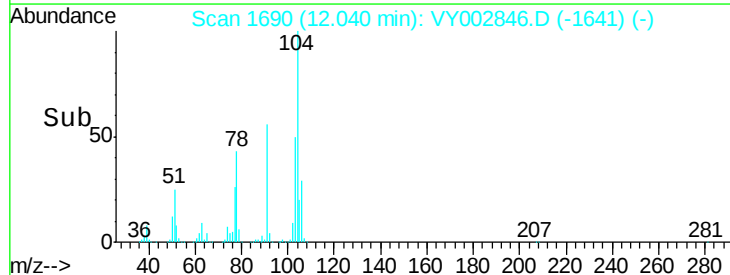
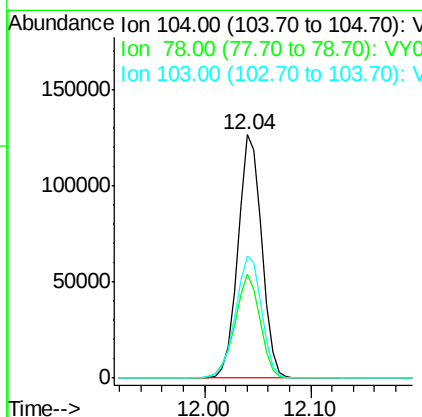
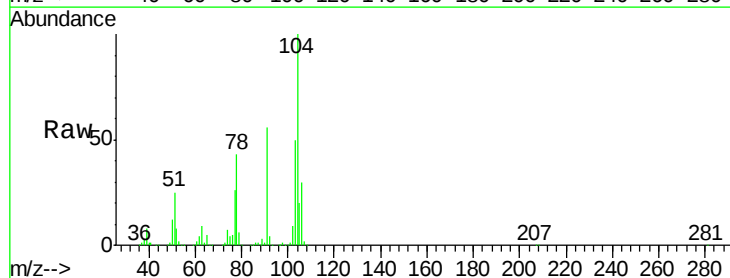
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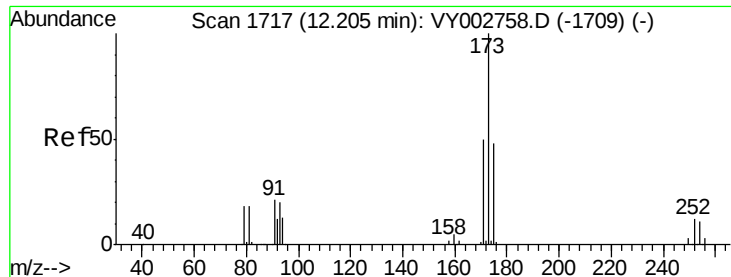
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#70
Styrene
Concen: 21.578 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion:104 Resp: 197731
Ion Ratio Lower Upper
104 100
78 45.4 36.2 54.4
103 55.2 43.6 65.4





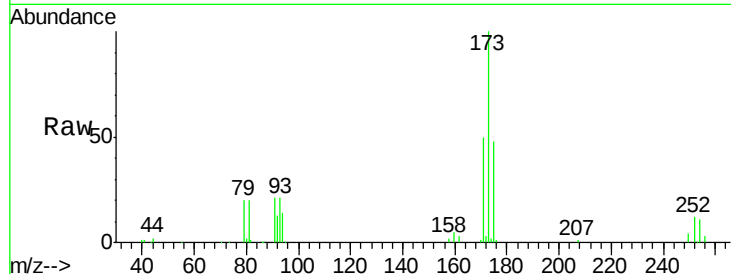
#71
Bromoform
Concen: 21.327 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

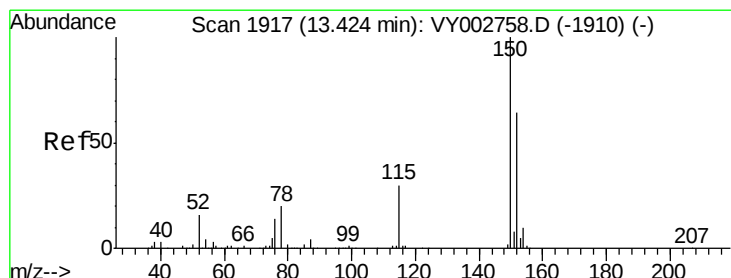
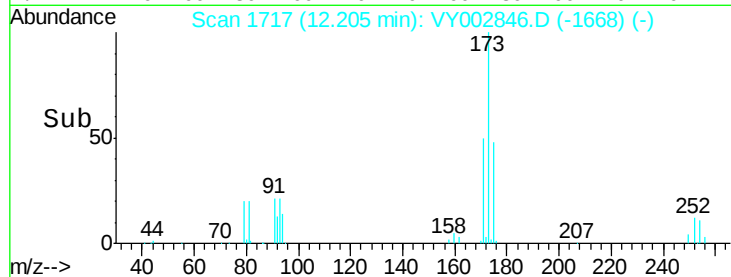
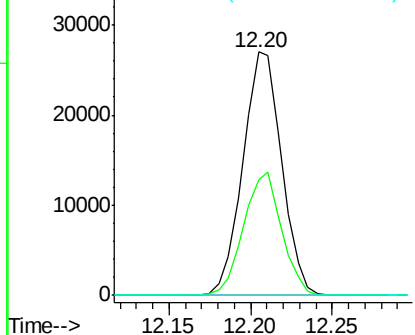
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.3	72.8
254	0.0	0.1	0.1#

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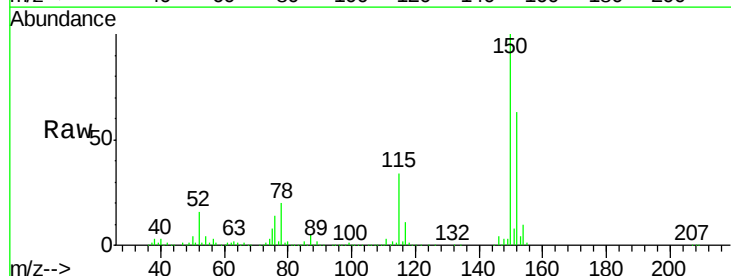


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

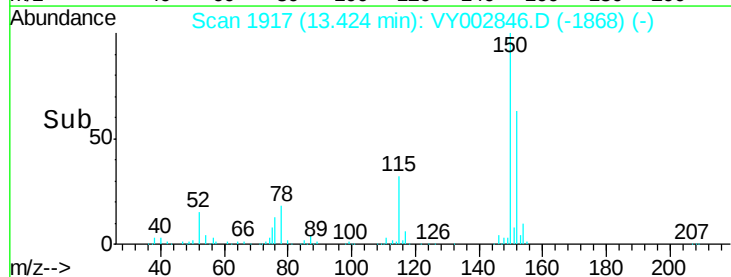
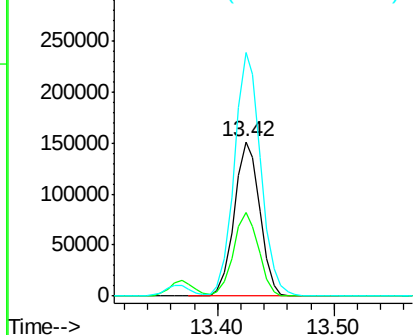


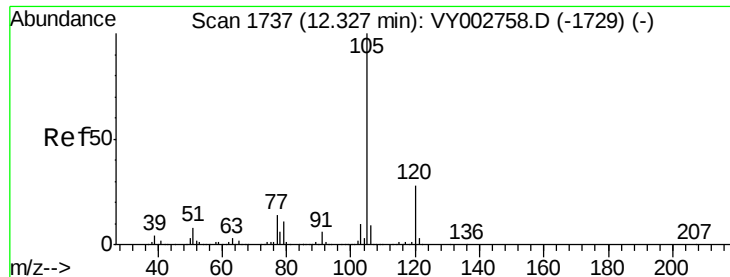
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.6	27.0	81.0
150	163.9	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: 21.400 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

Tot Ion:105 Resp: 315553

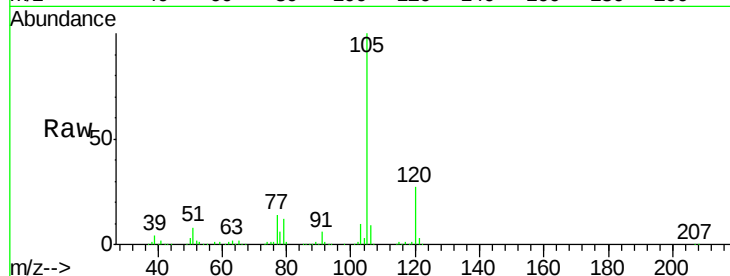
Ion Ratio Lower Upper

105 100

120 27.8 13.7 41.1

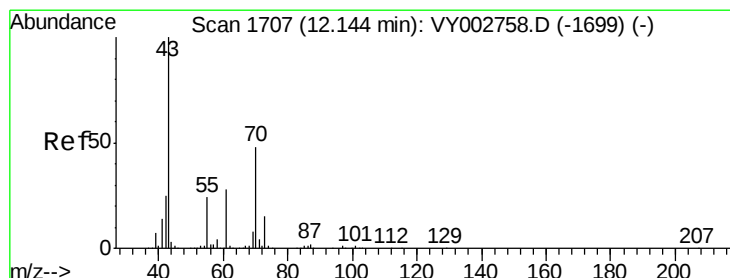
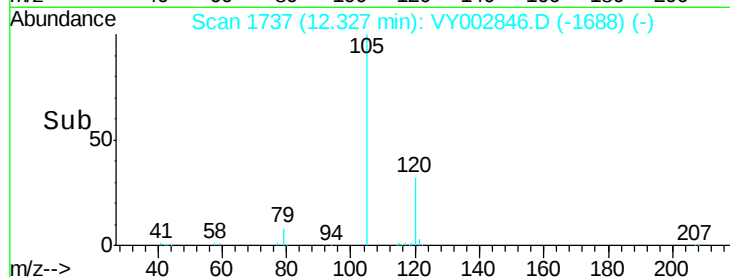
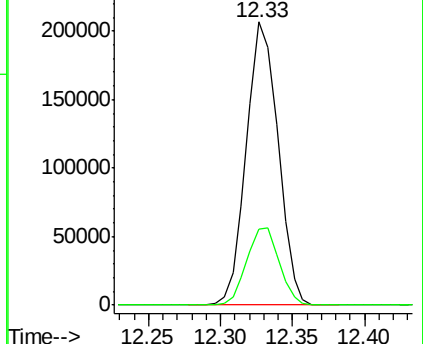
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.448 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Tgt Ion: 43 Resp: 81146

Ion Ratio Lower Upper

43 100

70 48.0 37.7 56.5

55 25.4 19.8 29.6

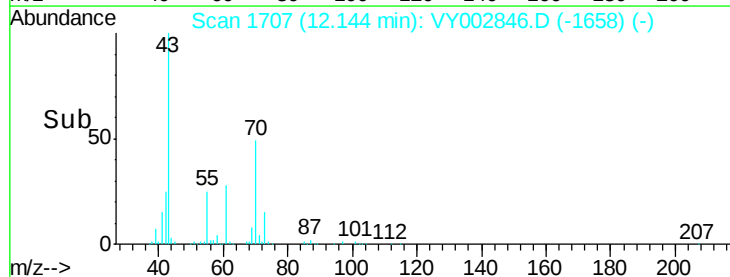
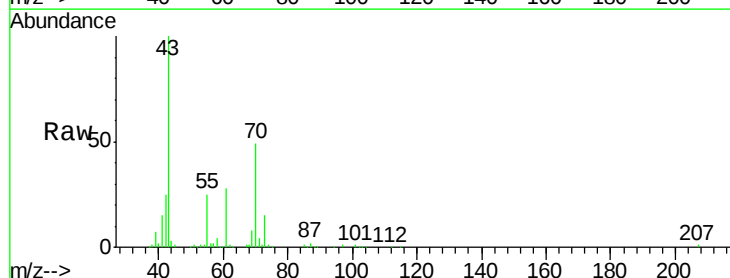
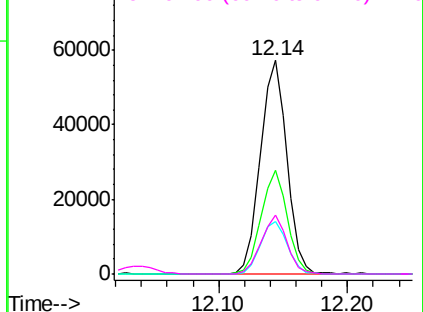
61 26.6 21.7 32.5

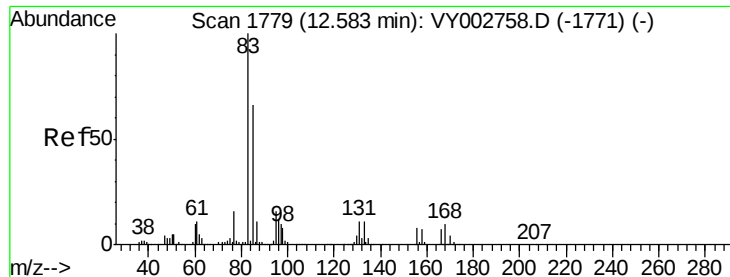
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 22.257 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

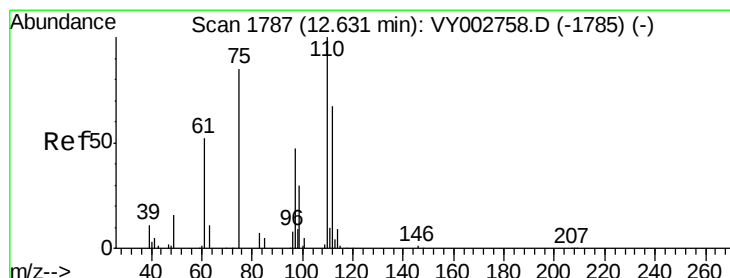
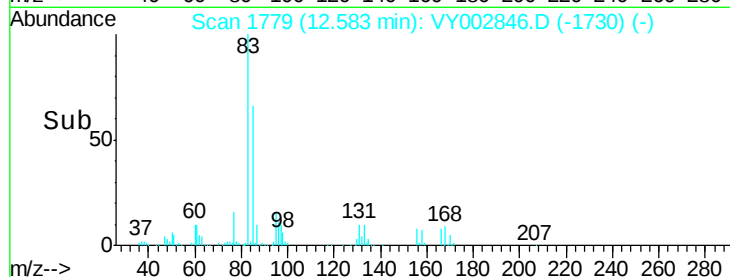
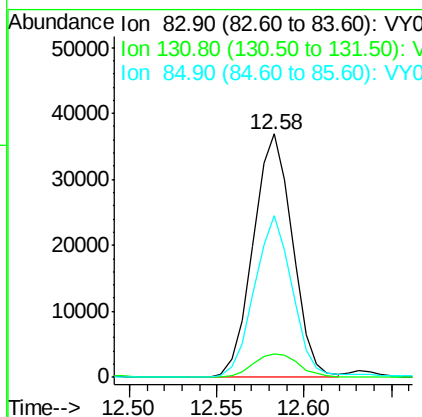
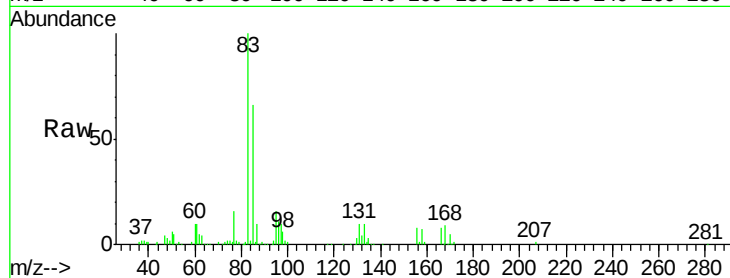
ClientSampleId :

VY0605SBS01

Tot Ion:	83	Resp:	57581
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.8	17.4
85	64.1	32.6	98.0

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#76

1,2,3-Trichloropropane

Concen: 21.743 ug/l m

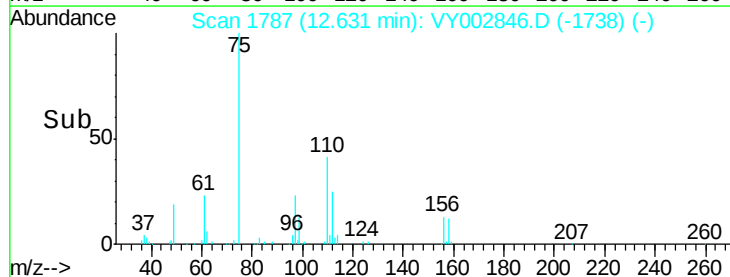
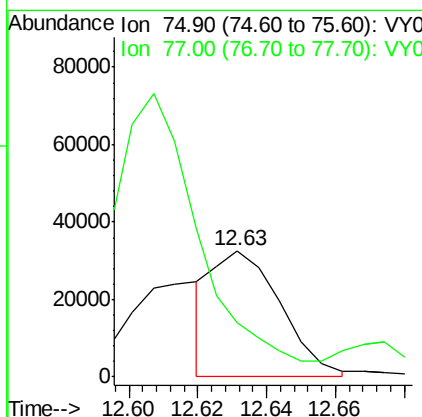
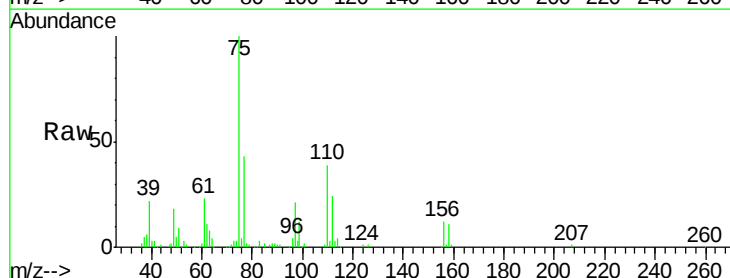
RT: 12.63 min Scan# 1787

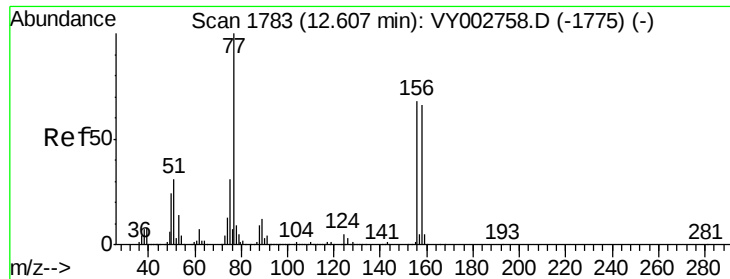
Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Tgt Ion:	75	Resp:	45079
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.900 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

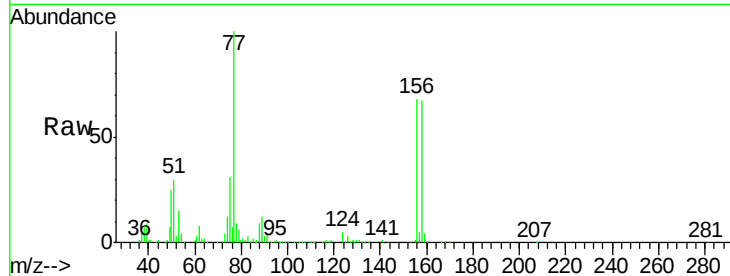
ClientSampleId :

VY0605SBS01

Tot Ion:	156	Resp:	80243
Ion Ratio	Lower	Upper	
156	100		
77	163.6	81.4	244.2
158	96.9	48.5	145.6

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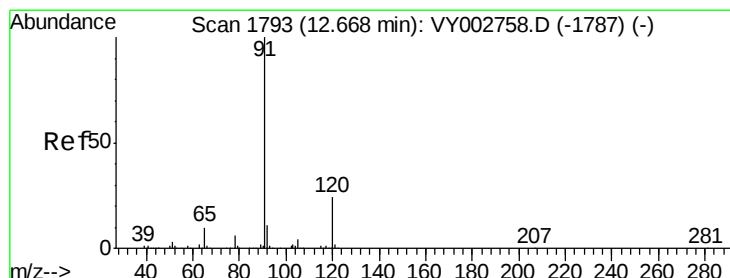
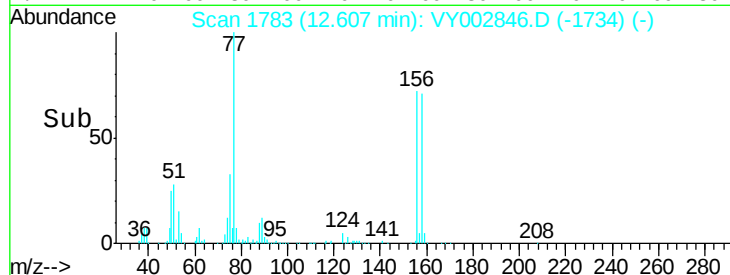
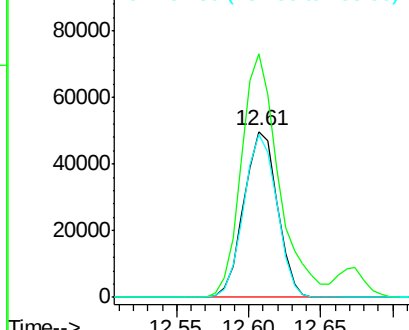
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.504 ug/l

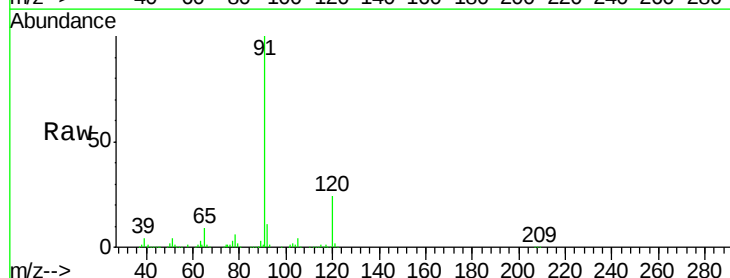
RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002846.D

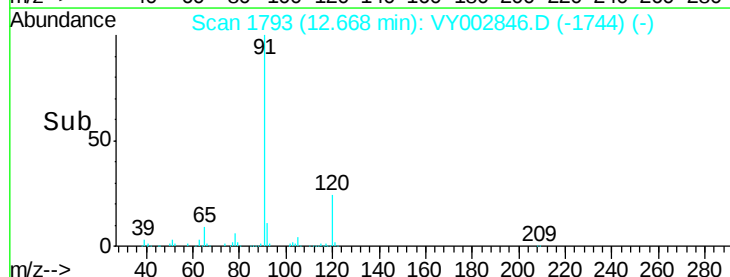
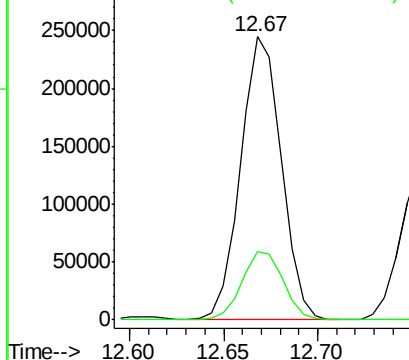
Acq: 05 Jun 2020 14:15

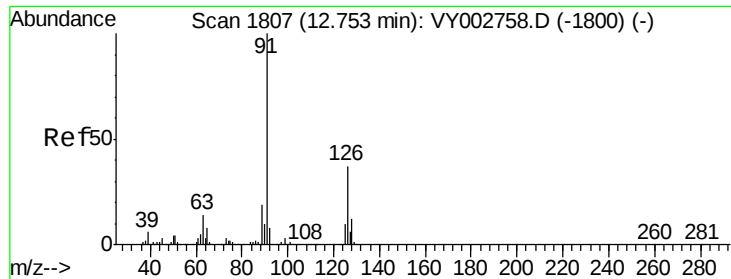
Tgt Ion:	91	Resp:	366268
Ion Ratio	Lower	Upper	
91	100		
120	24.7	12.3	36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.252 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

Tot Ion: 91 Resp: 203047

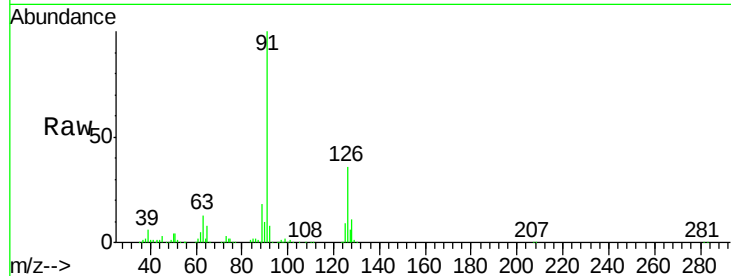
Ion Ratio Lower Upper

91 100

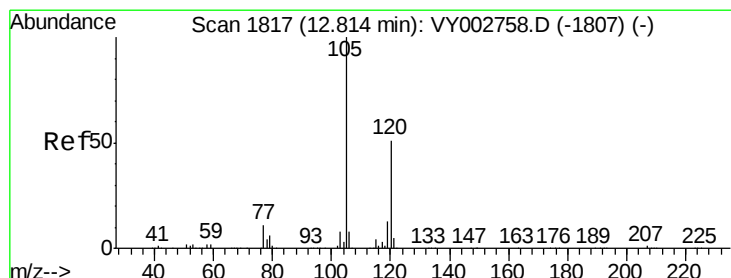
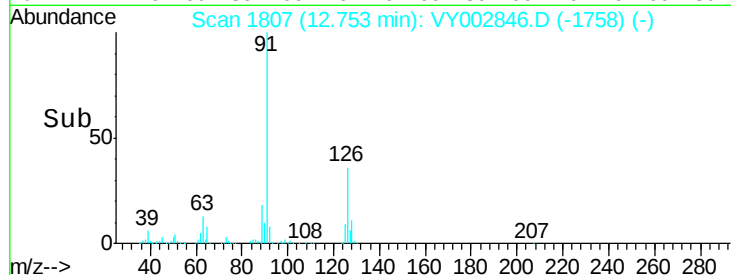
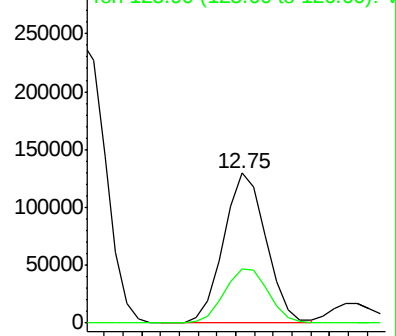
126 37.5 18.4 55.4

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Abundance Ion 91.00 (90.70 to 91.70): VY002846.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.535 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY002846.D

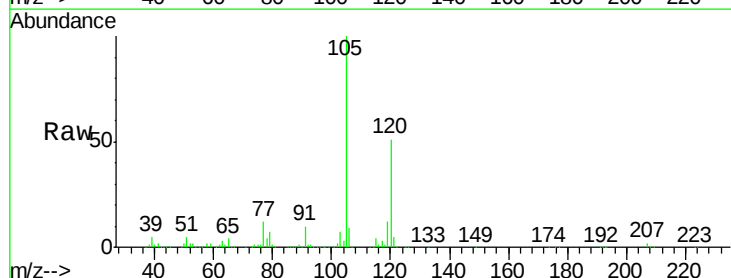
Acq: 05 Jun 2020 14:15

Tgt Ion: 105 Resp: 265131

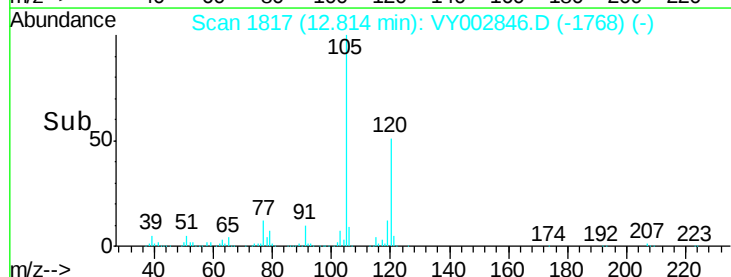
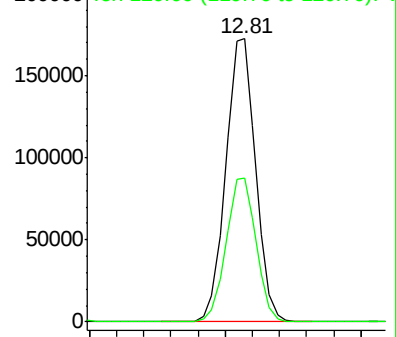
Ion Ratio Lower Upper

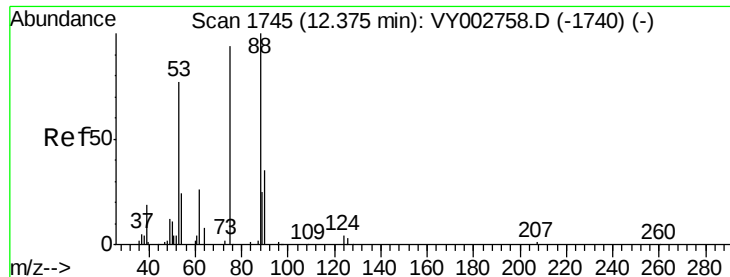
105 100

120 51.2 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VY002846.D (-1768) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.231 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

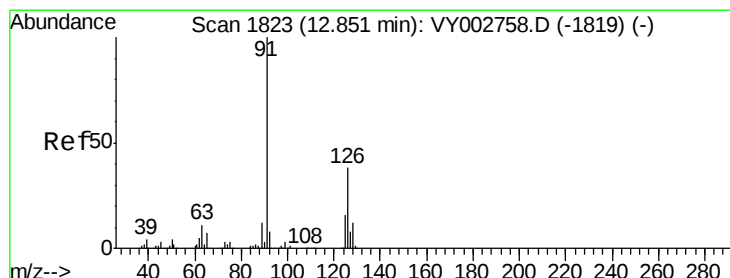
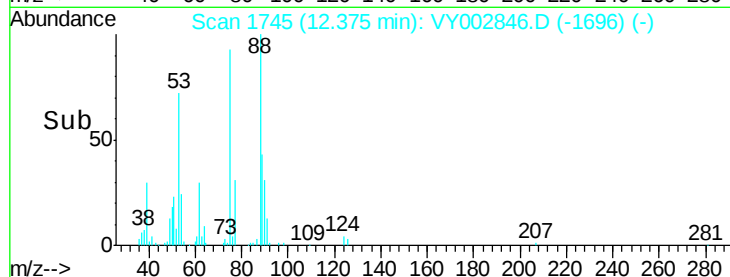
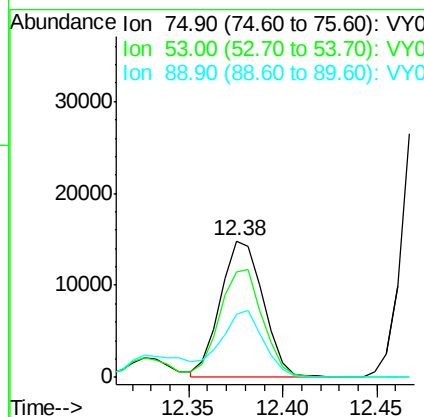
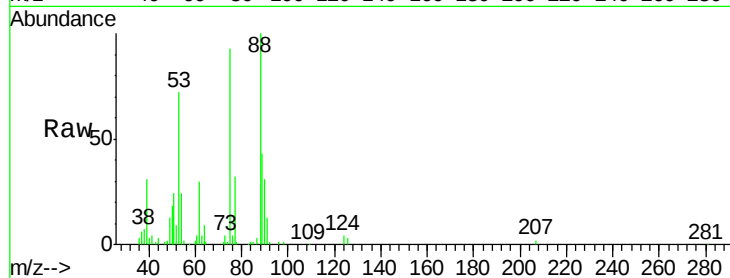
ClientSampleId :

VY0605SBS01

Tot Ion:	75	Resp:	23364
Ion Ratio	Lower	Upper	
75	100		
53	79.4	64.0	96.0
89	49.9	37.4	56.2

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#82

4-Chlorotoluene

Concen: 21.476 ug/l

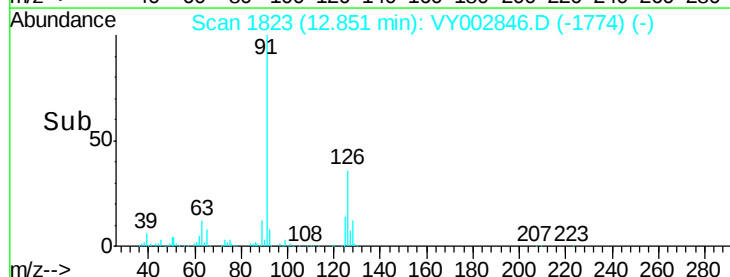
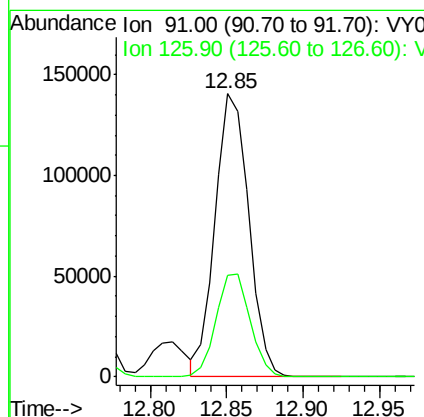
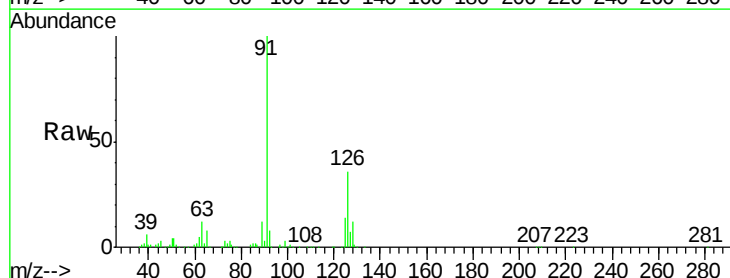
RT: 12.85 min Scan# 1823

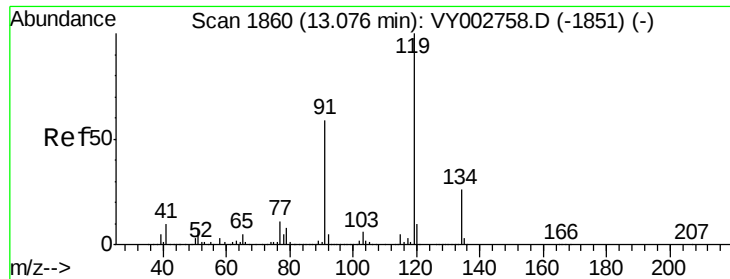
Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Tgt Ion:	91	Resp:	214983
Ion Ratio	Lower	Upper	
91	100		
126	36.9	18.5	55.5





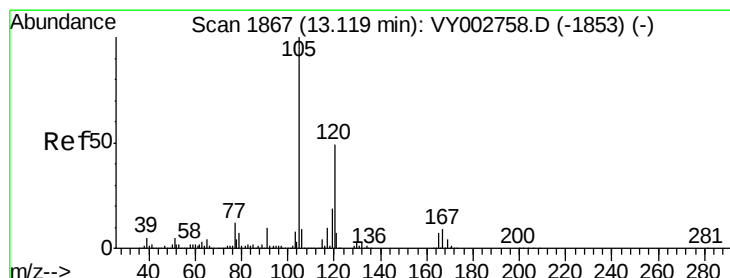
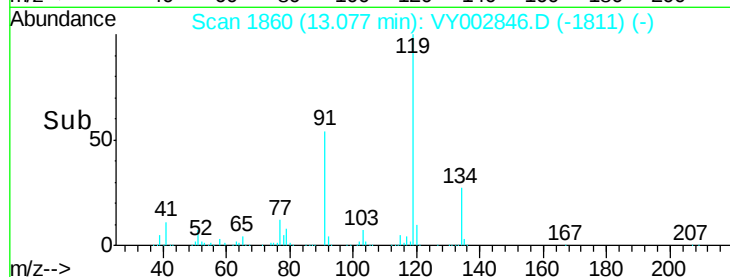
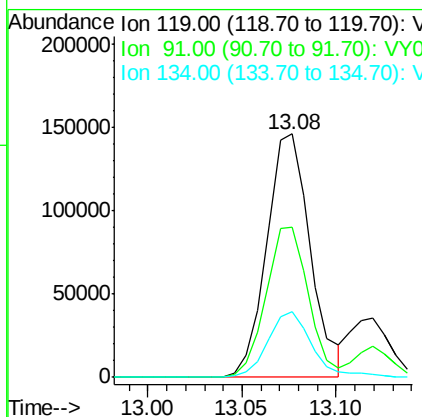
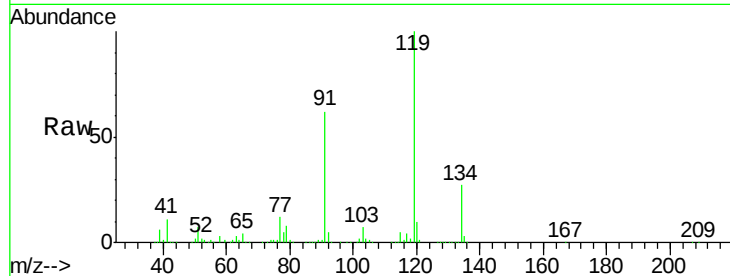
#83
tert-Butylbenzene
Concen: 21.338 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	234333		
91	60.1	29.8	89.4	
134	27.3	13.3	39.8	

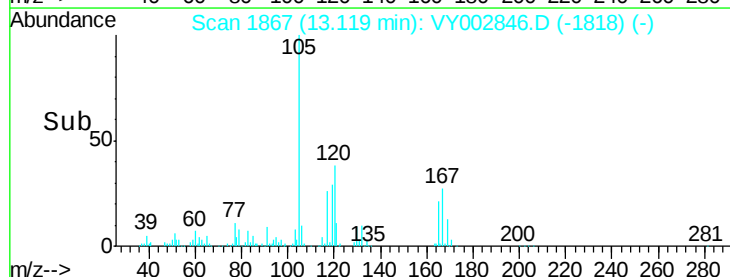
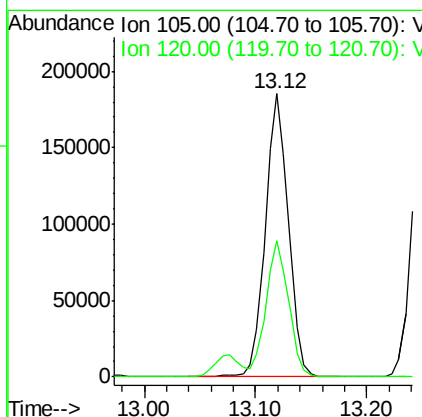
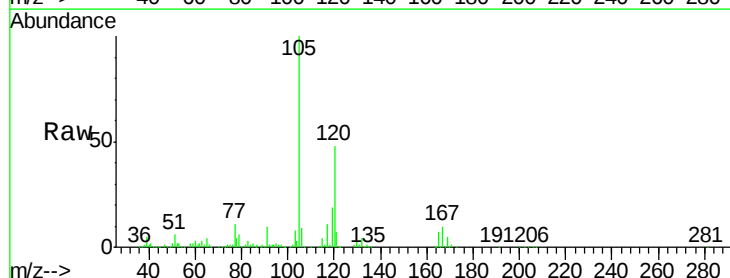
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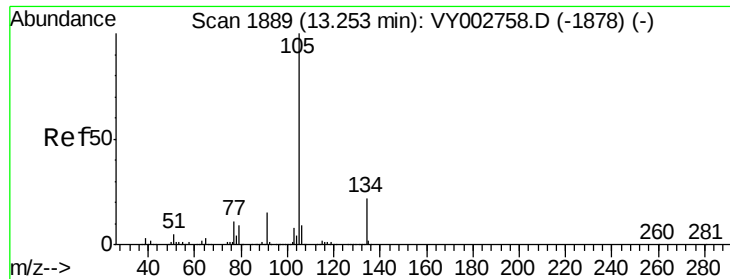
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#84
1,2,4-Trimethylbenzene
Concen: 21.614 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	267564		
120	46.8	23.6	70.8	





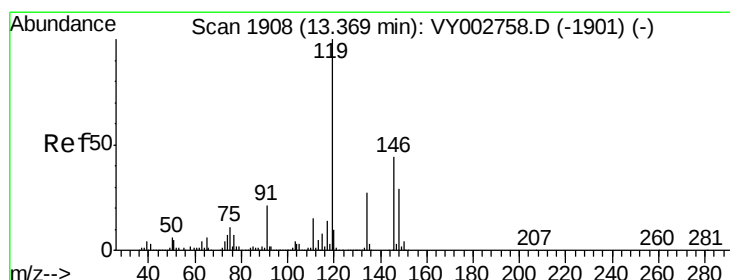
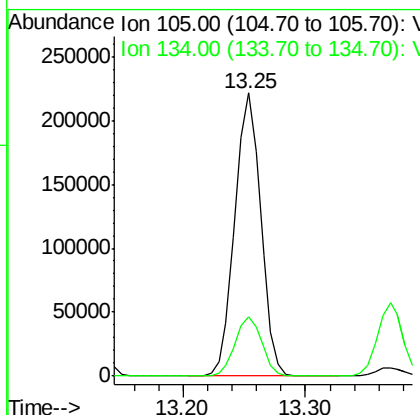
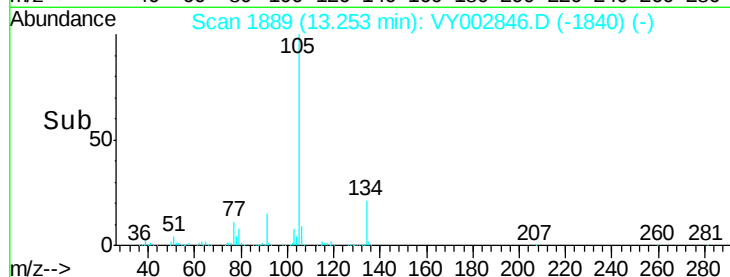
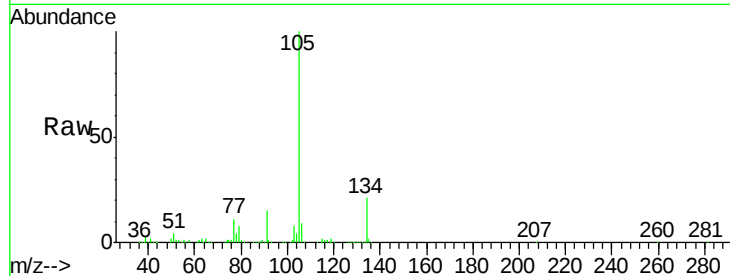
#85
 sec-Butylbenzene
 Concen: 21.653 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.8	32.4

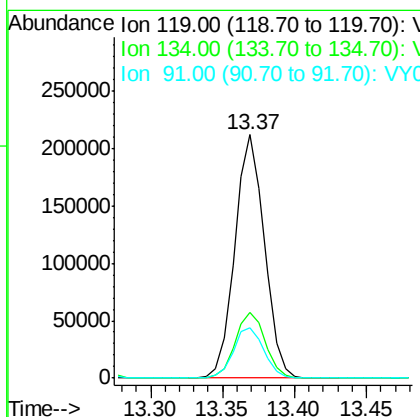
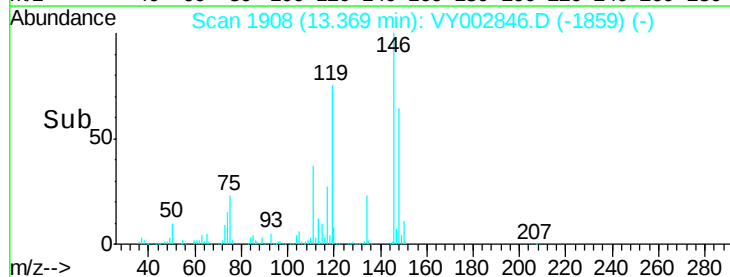
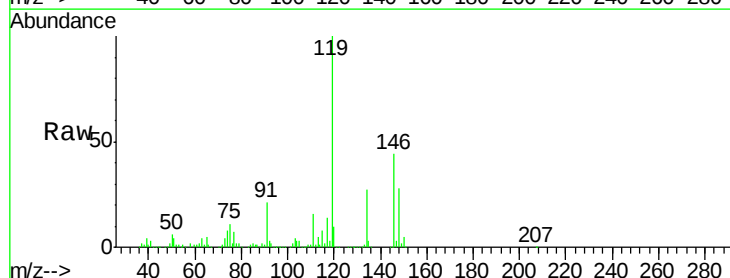
Manual Integrations
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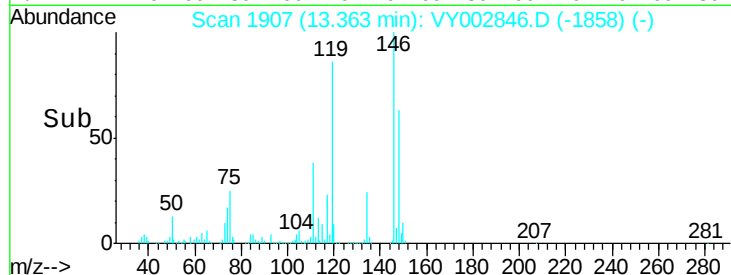
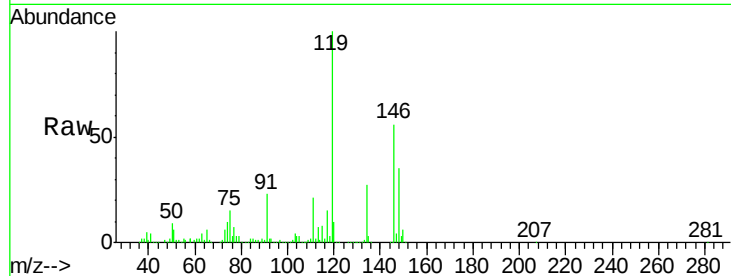
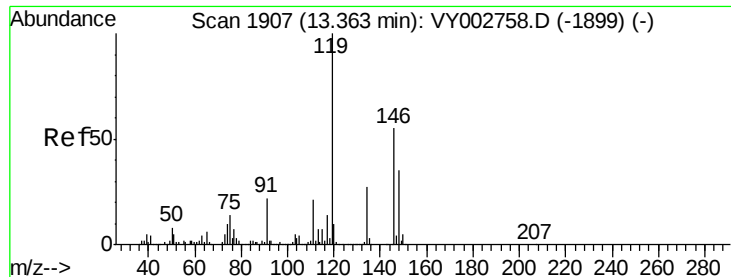
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#86
 p-Isopropyltoluene
 Concen: 21.613 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.7	41.0
91	21.5	10.8	32.4





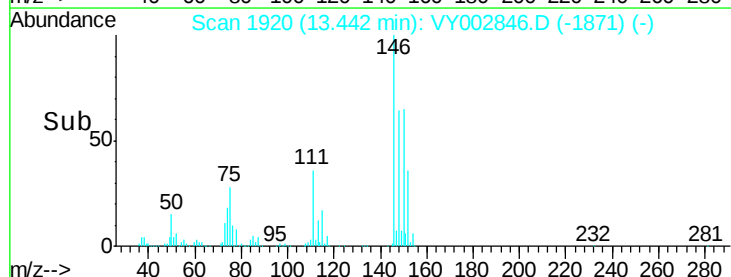
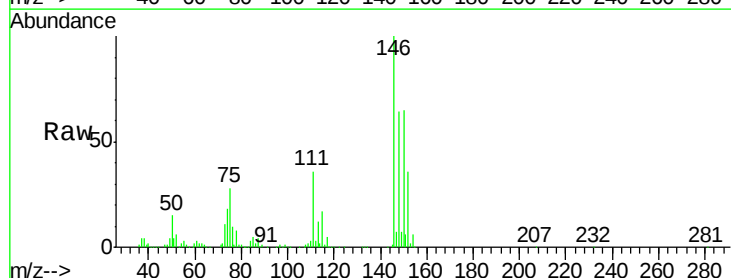
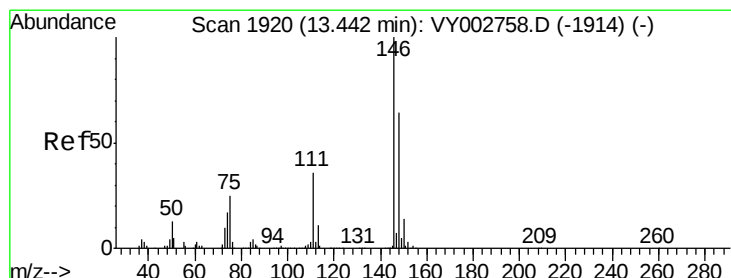
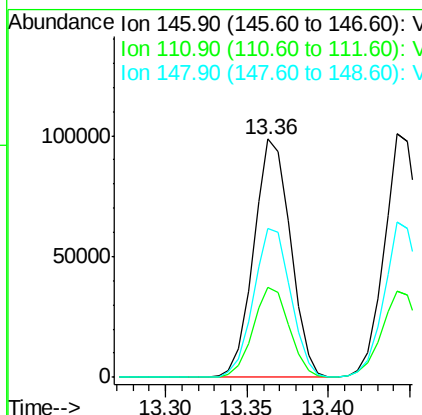
#87
1,3-Dichlorobenzene
Concen: 21.192 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.4	55.0
148	63.3	31.9	95.7

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

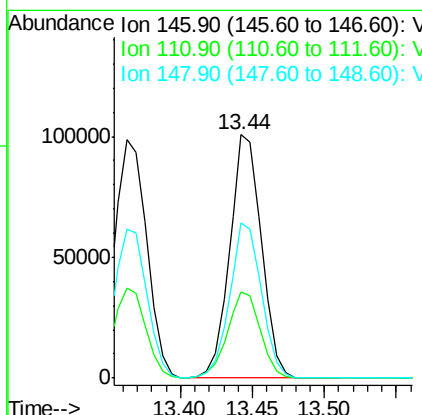
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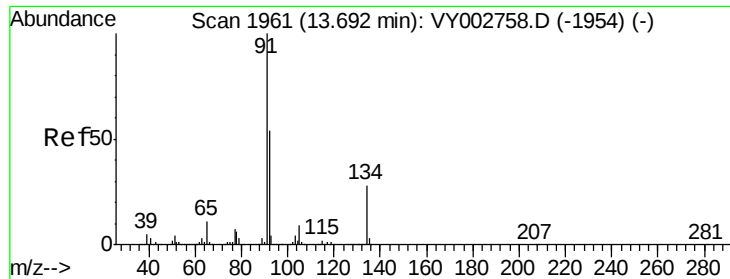
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#88
1,4-Dichlorobenzene
Concen: 21.242 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.3
148	64.0	32.1	96.3





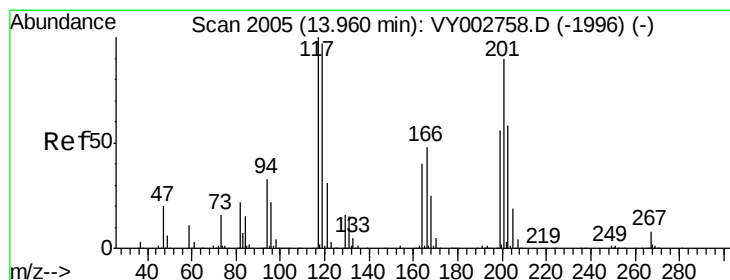
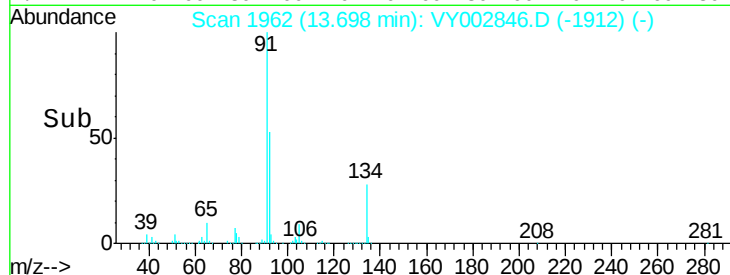
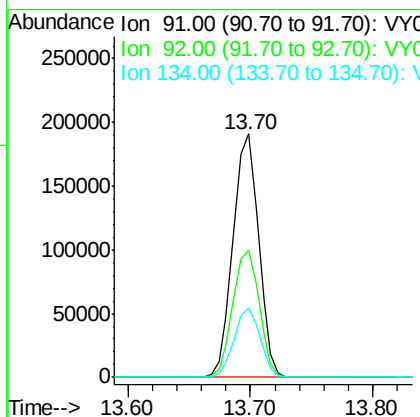
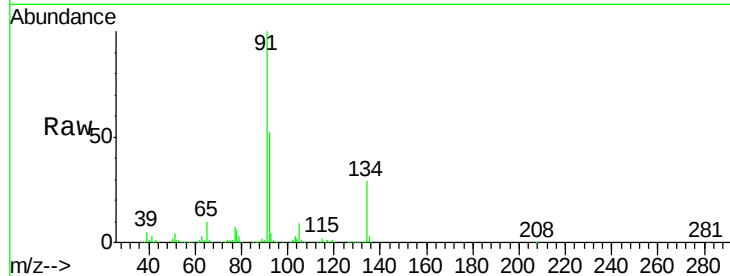
#89
n-Butylbenzene
Concen: 21.835 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.1	81.2
134	28.8	14.3	42.9

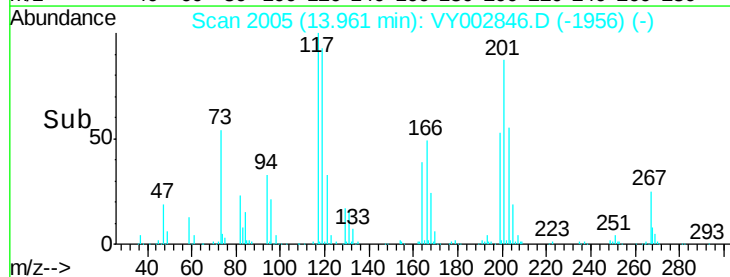
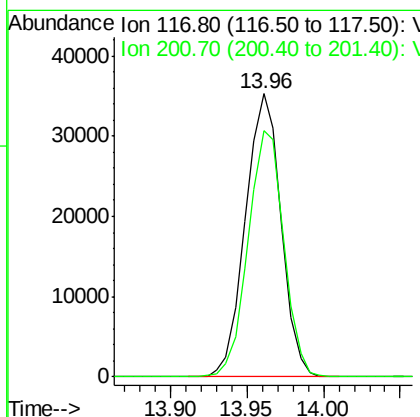
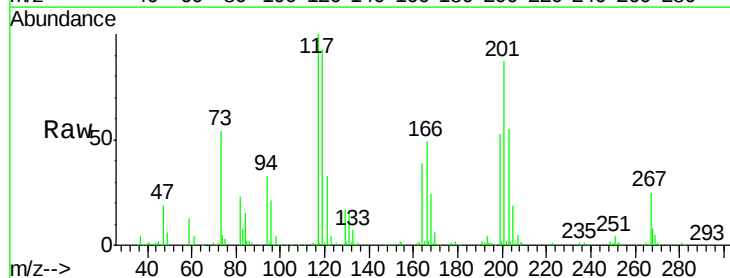
Manual Integrations
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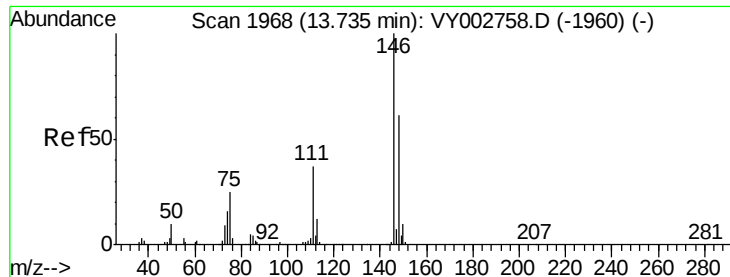
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#90
Hexachloroethane
Concen: 21.804 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.1	43.9	131.6





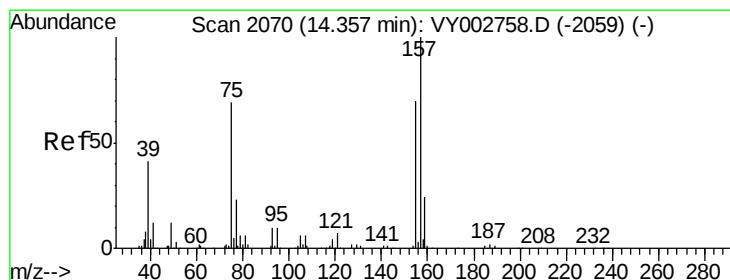
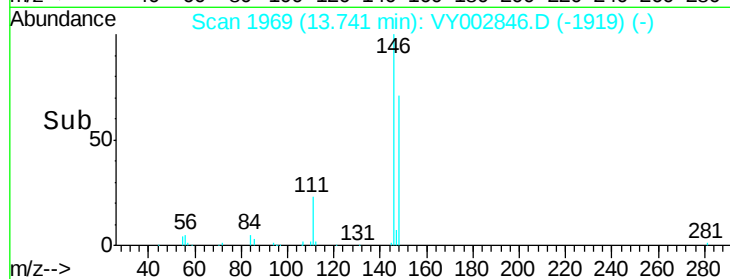
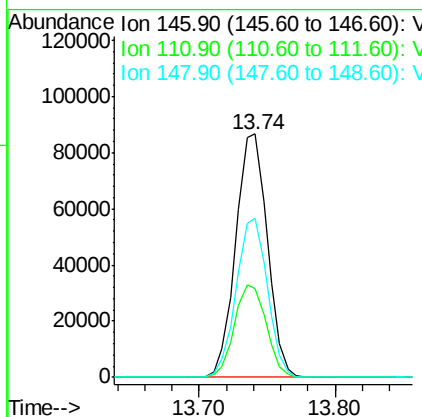
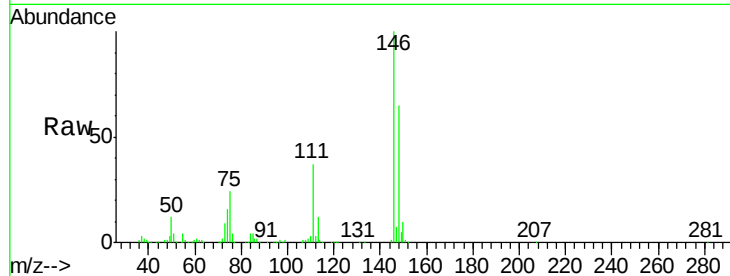
#91
 1,2-Dichlorobenzene
 Concen: 21.336 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	140728		
111	38.0		18.9	56.9
148	64.5		31.9	95.5

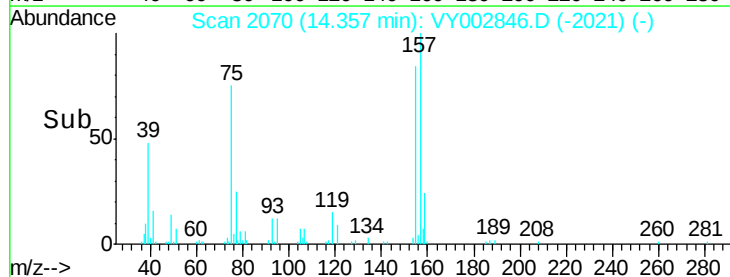
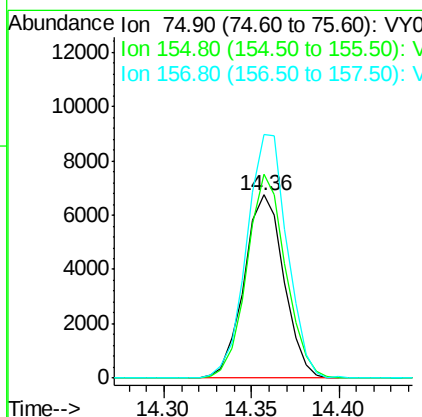
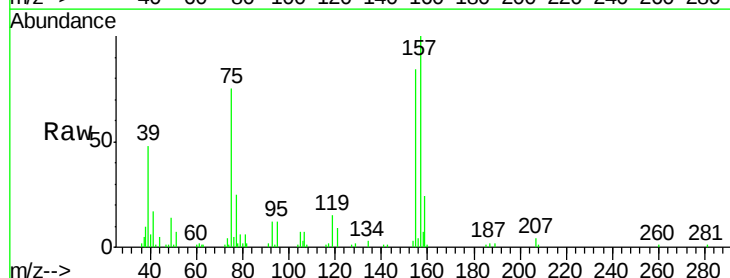
Manual Integrations
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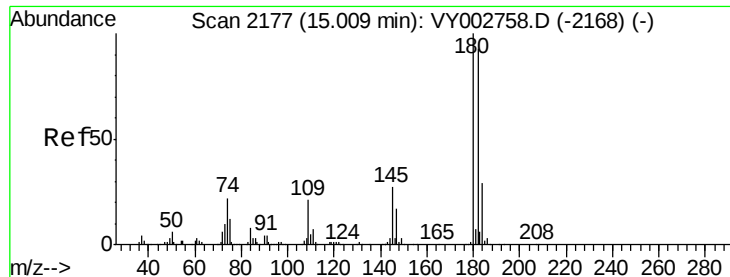
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.412 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	10658		
155	108.4		53.5	160.5
157	135.8		69.9	209.7





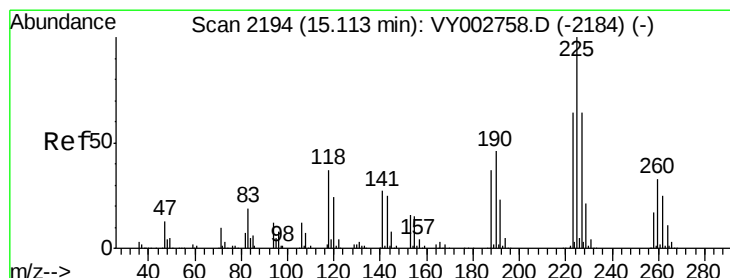
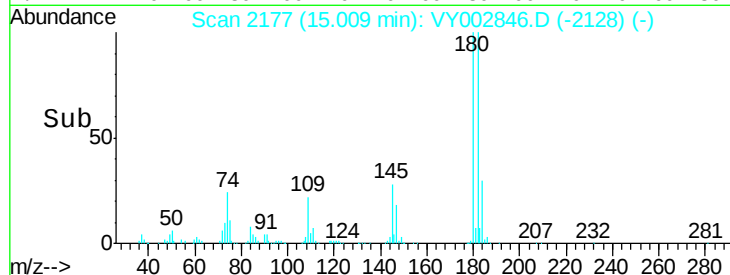
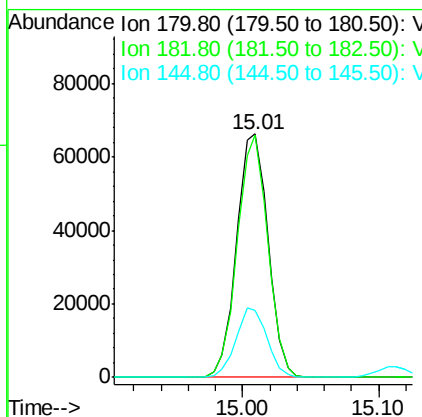
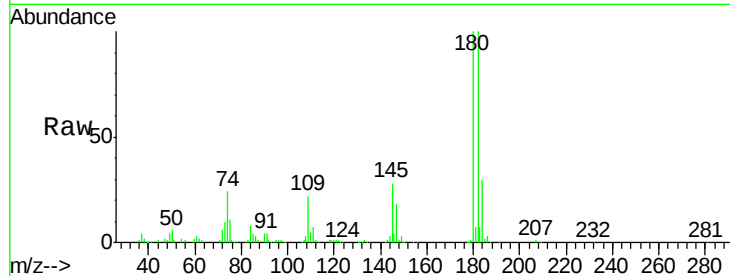
#93
 1,2,4-Trichlorobenzene
 Concen: 21.471 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	106741		
182	96.1	47.3	141.9	
145	28.2	14.1	42.3	

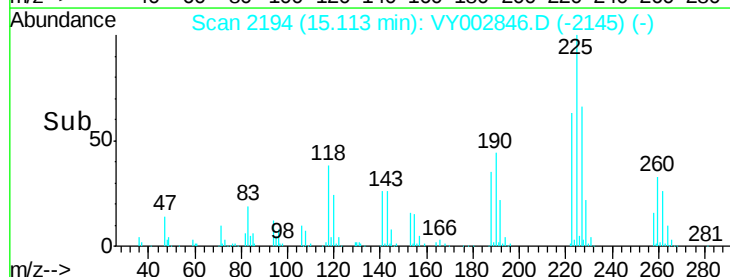
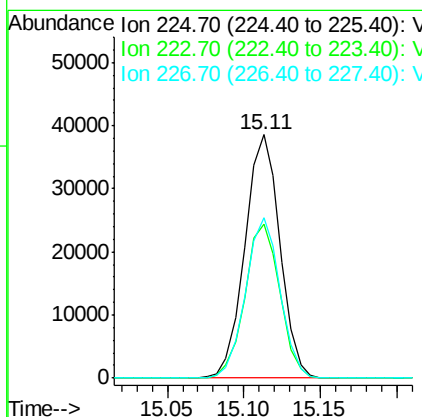
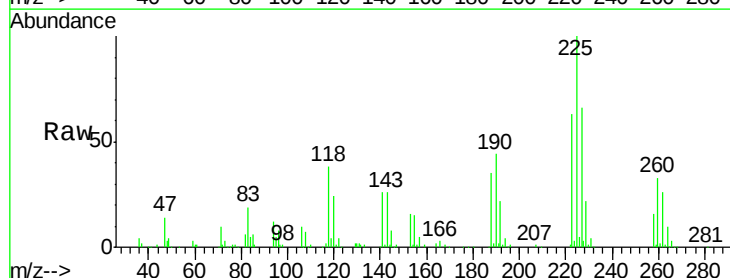
Manual Integrations
 APPROVED

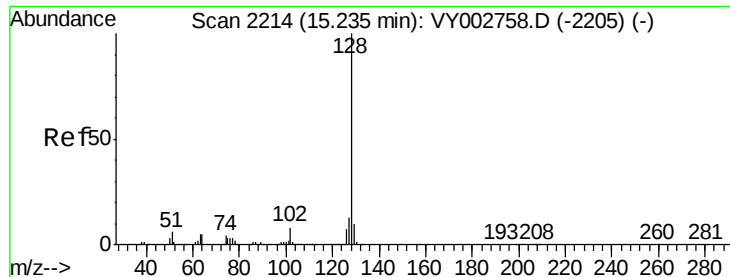
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#94
 Hexachlorobutadiene
 Concen: 21.744 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	61313		
223	63.1	31.6	95.0	
227	64.6	32.3	96.9	





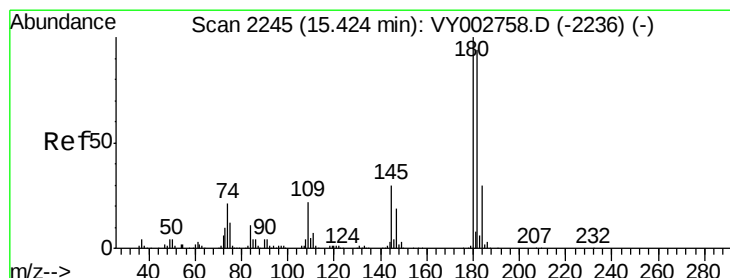
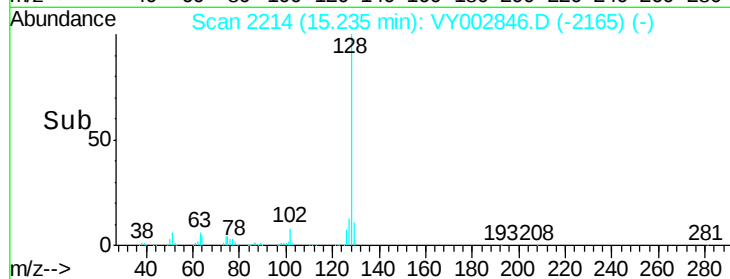
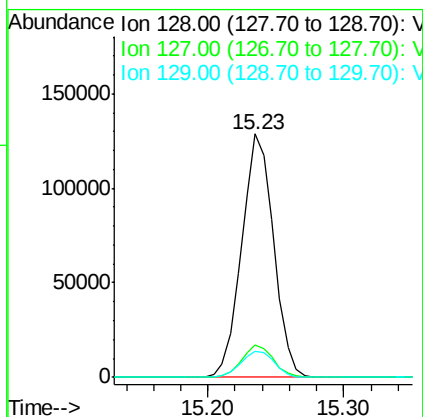
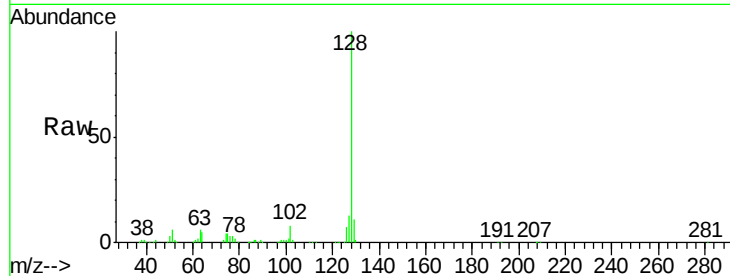
#95
Naphthalene
Concen: 21.156 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.3	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.398 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.1	144.4
145	30.4	15.1	45.3

