

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002760.D
 Acq On : 27 May 2020 13:00
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 5/28/2020 2:08:42 PM

Quant Time: May 27 13:17:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 12:34:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	310158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	466162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	433187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	224776	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	395815	161.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	322.80%	
35) Dibromofluoromethane	7.72	113	396866	153.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	306.12%	
50) Toluene-d8	10.18	98	1572244	150.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.68%	
62) 4-Bromofluorobenzene	12.48	95	535497	148.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	279308	127.037	ug/l	97
3) Chloromethane	2.12	50	324926	130.046	ug/l	98
4) Vinyl Chloride	2.25	62	348865	133.653	ug/l	97
5) Bromomethane	2.63	94	239893	123.916	ug/l	96
6) Chloroethane	2.79	64	227992	136.458	ug/l	98
7) Trichlorofluoromethane	3.12	101	618226	139.147	ug/l	98
8) Diethyl Ether	3.53	74	237918	155.885	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	371893	137.842	ug/l	97
10) Methyl Iodide	4.10	142	559661	151.698	ug/l	100
11) Tert butyl alcohol	4.97	59	215507	852.031	ug/l	99
12) 1,1-Dichloroethene	3.88	96	375877	139.312	ug/l	100
13) Acrolein	3.73	56	232831	803.031	ug/l	100
14) Allyl chloride	4.49	41	561978	144.700	ug/l	100
15) Acrylonitrile	5.18	53	583870	838.972	ug/l	100
16) Acetone	3.96	43	485279	933.569	ug/l	99
17) Carbon Disulfide	4.19	76	1131108	134.762	ug/l	98
18) Methyl Acetate	4.48	43	238667	165.696	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	1081704	159.512	ug/l	99
20) Methylene Chloride	4.72	84	418019	138.745	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	425617	141.826	ug/l	96
22) Diisopropyl ether	6.13	45	1154549	149.379	ug/l	94
23) Vinyl Acetate	6.07	43	3970812	796.258	ug/l	100
24) 1,1-Dichloroethane	6.02	63	669928	145.326	ug/l	100
25) 2-Butanone	6.99	43	742618	875.474	ug/l	100
26) 2,2-Dichloropropane	6.99	77	614119	142.417	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	478804	147.073	ug/l	99
28) Bromochloromethane	7.34	49	272007	147.566	ug/l	100
29) Tetrahydrofuran	7.35	42	486914	852.523	ug/l	100
30) Chloroform	7.51	83	712998	148.654	ug/l	97
31) Cyclohexane	7.79	56	616285	132.420	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	656500	147.887	ug/l	99
36) 1,1-Dichloropropene	7.93	75	556186	141.595	ug/l	100
37) Ethyl Acetate	7.08	43	318561	163.174	ug/l	100
38) Carbon Tetrachloride	7.91	117	618854	146.359	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed May 27 12:34:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	735371	140.031	ug/l	98
40) Benzene	8.16	78	1663814	145.169	ug/l	99
41) Methacrylonitrile	7.32	41	168694m	148.046	ug/l	
42) 1,2-Dichloroethane	8.24	62	470023	154.381	ug/l	99
43) Isopropyl Acetate	8.28	43	615693	168.873	ug/l	99
44) Trichloroethene	8.94	130	520128	142.595	ug/l	98
45) 1,2-Dichloropropane	9.22	63	406609	148.786	ug/l	99
46) Dibromomethane	9.31	93	241588	156.701	ug/l	99
47) Bromodichloromethane	9.50	83	574740	153.327	ug/l	100
48) Methyl methacrylate	9.30	41	279936	167.413	ug/l	99
49) 1,4-Dioxane	9.30	88	76207	3542.191	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	1606804	850.547	ug/l	99
52) Toluene	10.24	92	1088032	146.243	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	633966	157.734	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	706551	152.341	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	361437	156.183	ug/l	96
56) Ethyl methacrylate	10.51	69	512936	167.062	ug/l	99
57) 1,3-Dichloropropane	10.79	76	599586	155.725	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	1207224	800.675	ug/l	100
59) 2-Hexanone	10.83	43	1149111	868.320	ug/l	100
60) Dibromochloromethane	10.99	129	470430	159.927	ug/l	99
61) 1,2-Dibromoethane	11.09	107	365833	160.747	ug/l	99
64) Tetrachloroethene	10.72	164	540150	132.920	ug/l	99
65) Chlorobenzene	11.52	112	1221879	146.042	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	465260	149.272	ug/l	100
67) Ethyl Benzene	11.59	91	2121377	144.764	ug/l	100
68) m/p-Xylenes	11.70	106	1651851	289.673	ug/l	99
69) o-Xylene	12.03	106	781027	145.696	ug/l	100
70) Styrene	12.05	104	1367353	148.354	ug/l	99
71) Bromoform	12.20	173	320100	164.673	ug/l	# 99
73) Isopropylbenzene	12.33	105	2096916	143.729	ug/l	100
74) N-amyl acetate	12.14	43	568983	163.897	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	382920	172.881	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	298321m	160.414	ug/l	
77) Bromobenzene	12.61	156	543316	148.083	ug/l	100
78) n-propylbenzene	12.67	91	2398648	141.344	ug/l	100
79) 2-Chlorotoluene	12.75	91	1359246	144.241	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1727371	140.892	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	163841	165.190	ug/l	100
82) 4-Chlorotoluene	12.85	91	1411897	142.593	ug/l	100
83) tert-Butylbenzene	13.08	119	1538504	141.412	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	1736402	141.483	ug/l	100
85) sec-Butylbenzene	13.25	105	2070981	138.290	ug/l	100
86) p-Isopropyltoluene	13.37	119	1946292	139.026	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	1009270	142.641	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	1004015	142.539	ug/l	100
89) n-Butylbenzene	13.69	91	1738594	135.211	ug/l	100
90) Hexachloroethane	13.96	117	371634	142.948	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	915896	143.926	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	73970	173.896	ug/l	98

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDICC150

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Quant Title : SW846 8260
QLast Update : Wed May 27 12:34:34 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	687310	139.531	ug/l	99
94) Hexachlorobutadiene	15.11	225	375594	126.864	ug/l	99
95) Naphthalene	15.23	128	1452388	162.716	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	621911	144.624	ug/l	99

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

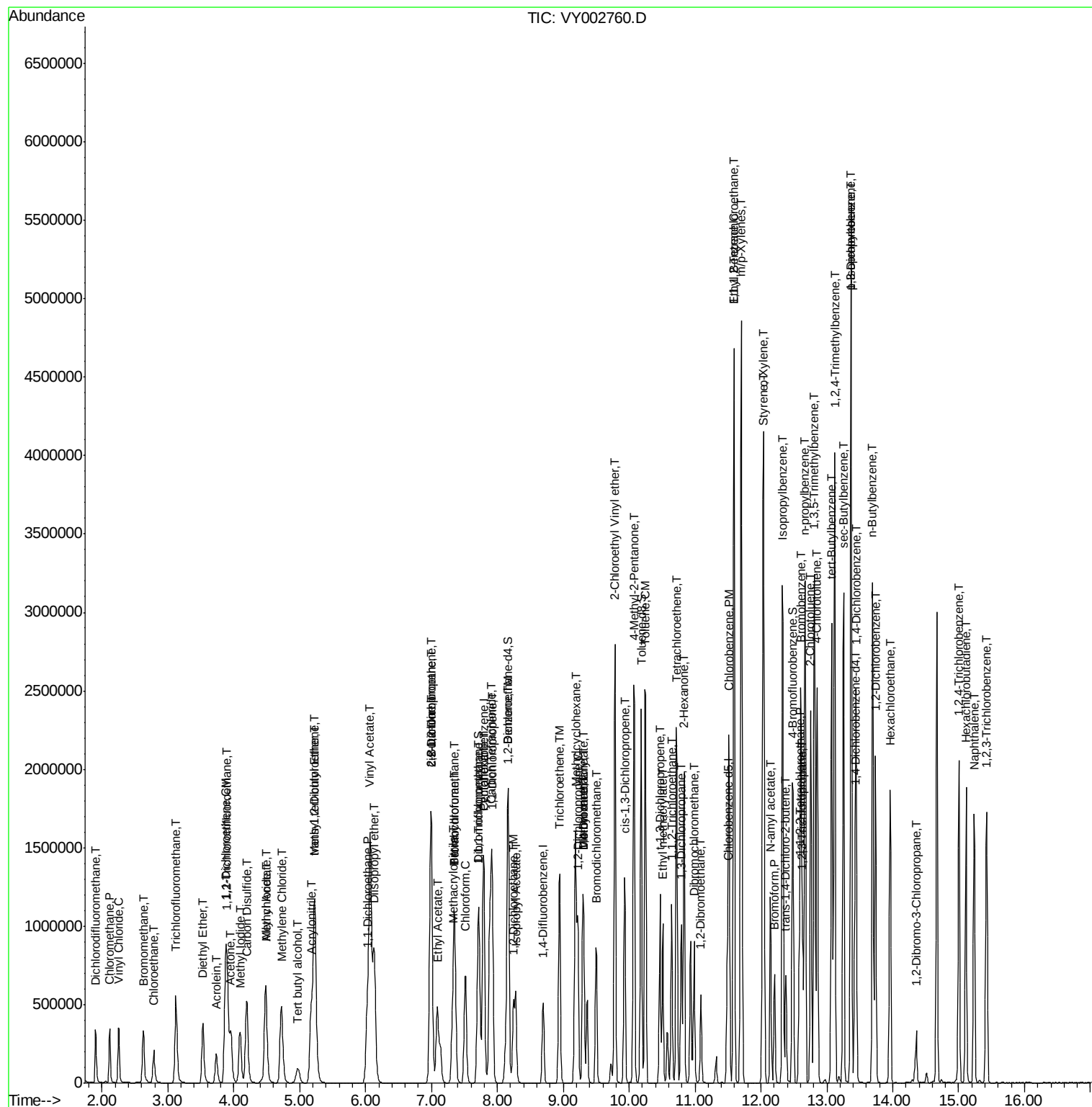
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002760.D
 Acq On : 27 May 2020 13:00
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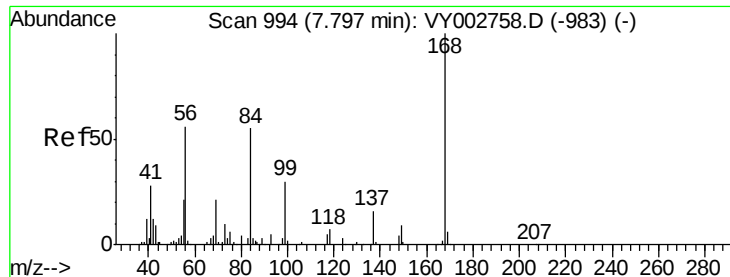
Instrument :
 MSVOA_Y
 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 310158

Ion Ratio Lower Upper

168 100

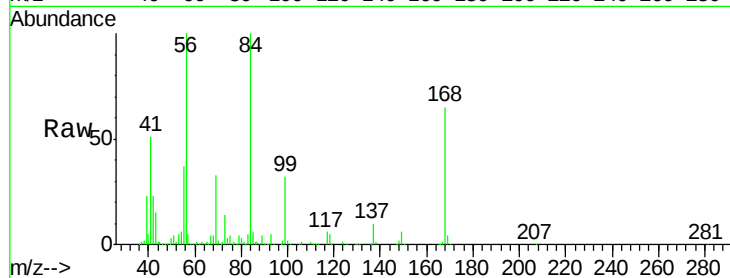
99 49.2 39.0 58.4

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

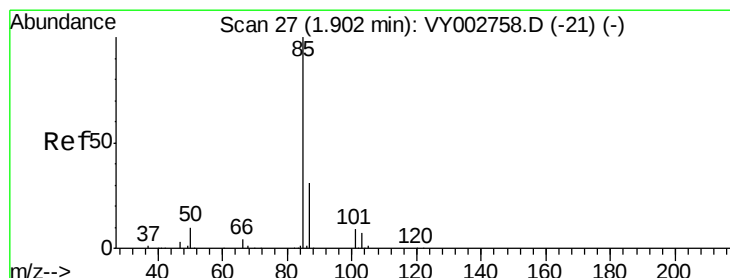
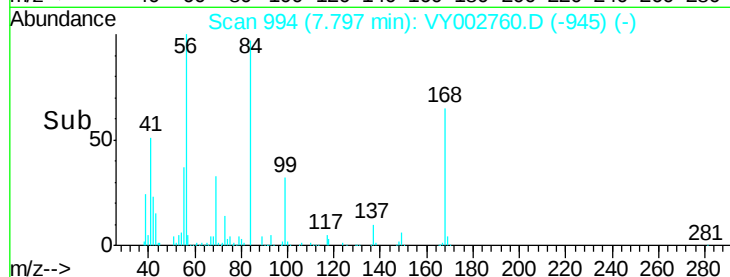
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 127.037 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY002760.D

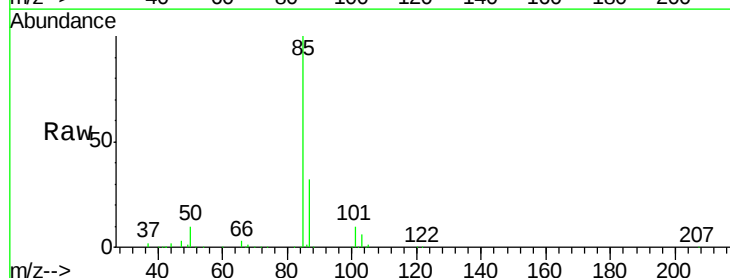
Acq: 27 May 2020 13:00

Tgt Ion: 85 Resp: 279308

Ion Ratio Lower Upper

85 100

87 32.4 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) (-)

1.90

200000

150000

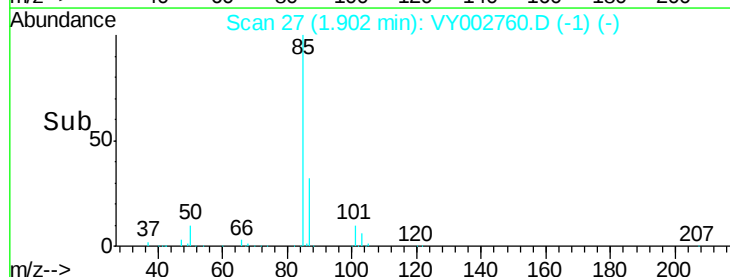
100000

50000

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 130.046 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 324926

Ion Ratio Lower Upper

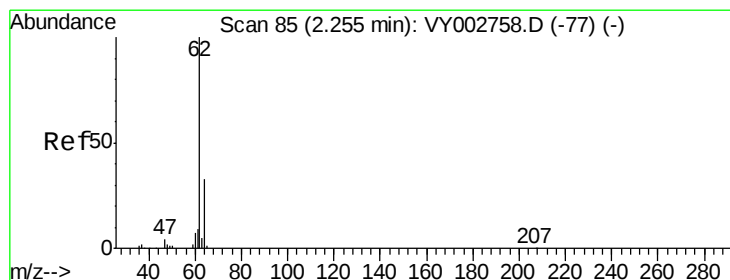
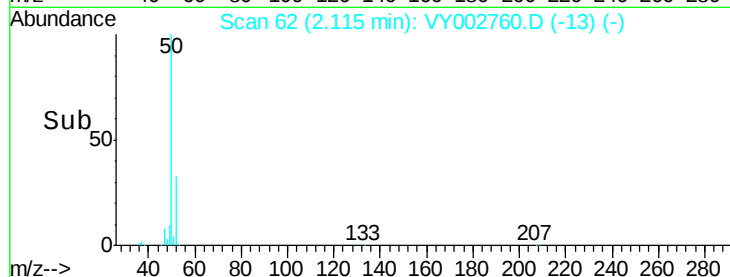
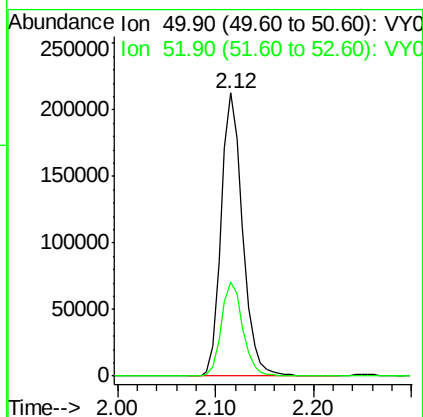
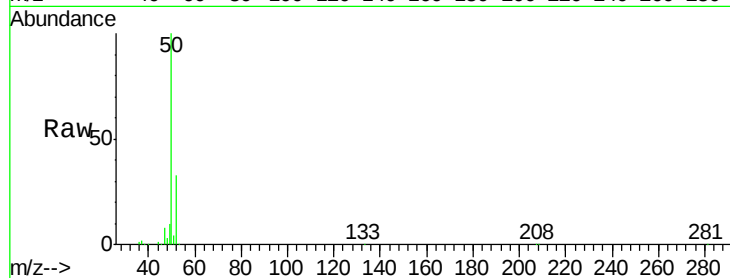
50 100

52 33.2 25.8 38.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 133.653 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY002760.D

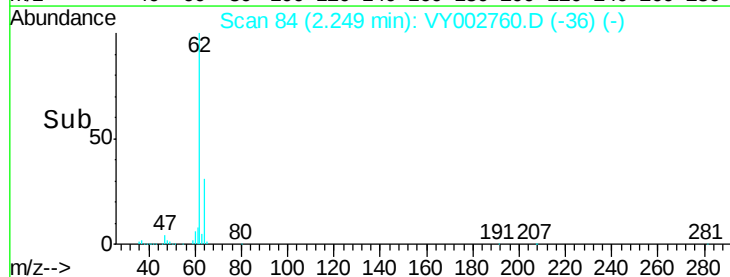
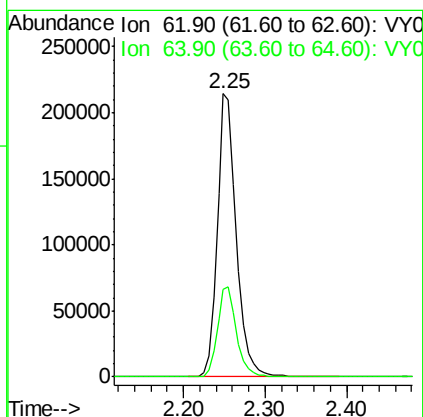
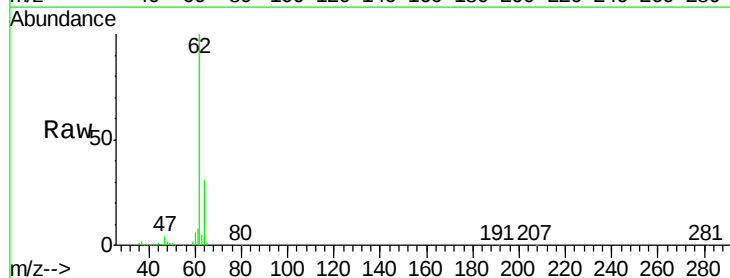
Acq: 27 May 2020 13:00

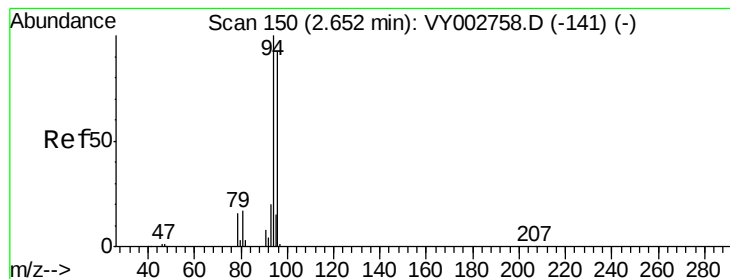
Tgt Ion: 62 Resp: 348865

Ion Ratio Lower Upper

62 100

64 30.9 26.1 39.1





#5

Bromomethane

Concen: 123.916 ug/l

RT: 2.63 min Scan# 146

Delta R.T. -0.02 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 239893

Ion Ratio Lower Upper

94 100

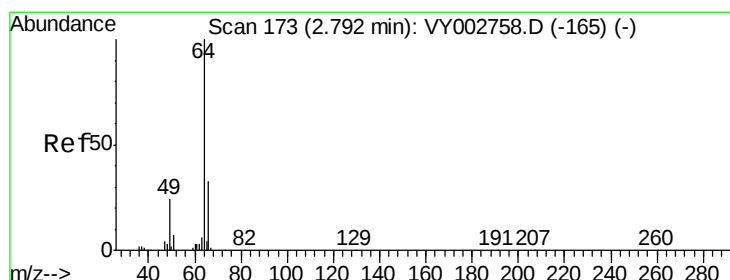
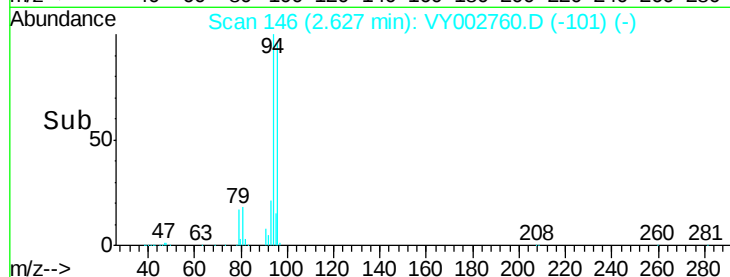
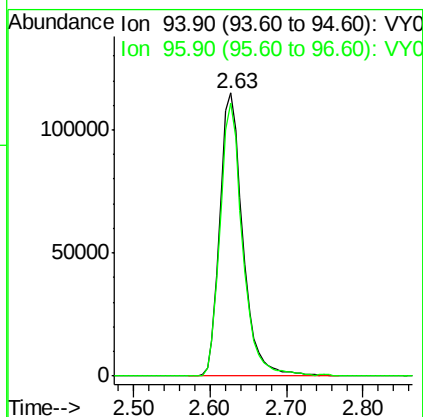
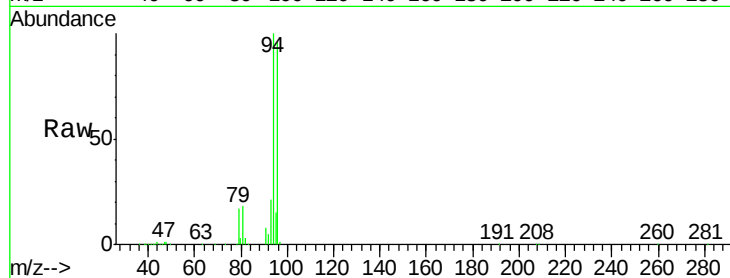
96 96.3 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 136.458 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY002760.D

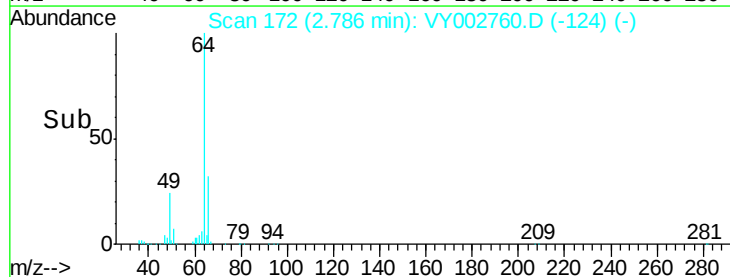
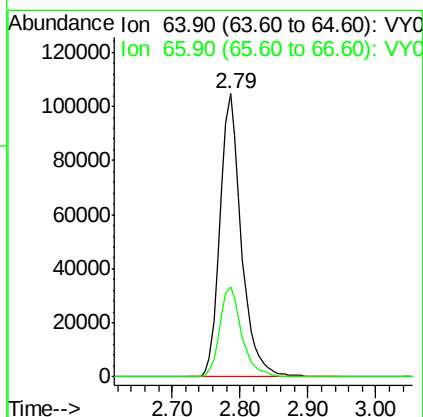
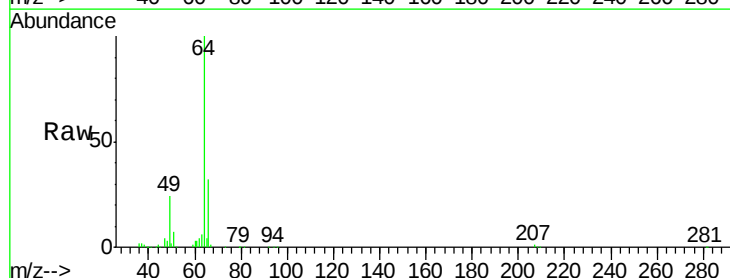
Acq: 27 May 2020 13:00

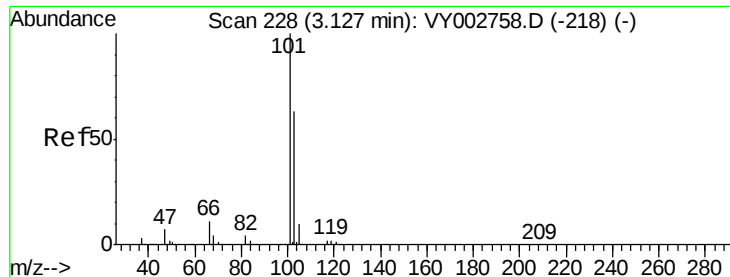
Tgt Ion: 64 Resp: 227992

Ion Ratio Lower Upper

64 100

66 32.0 26.4 39.6





#7

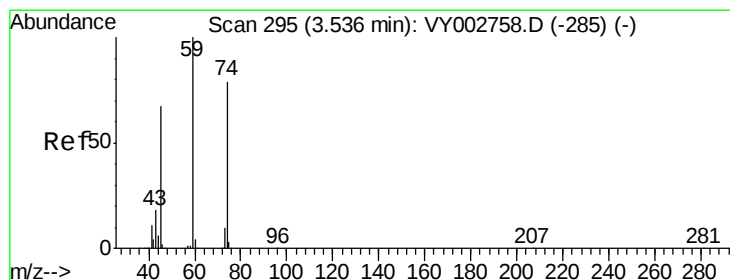
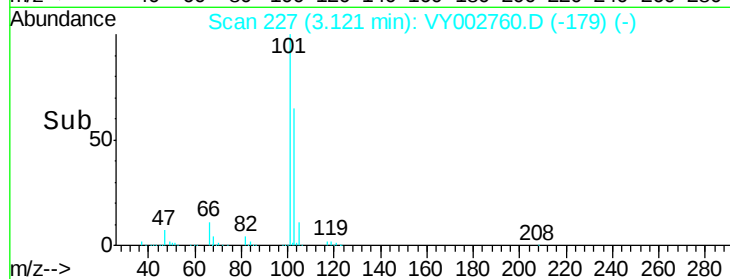
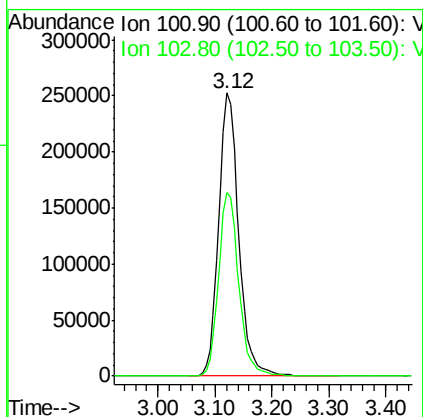
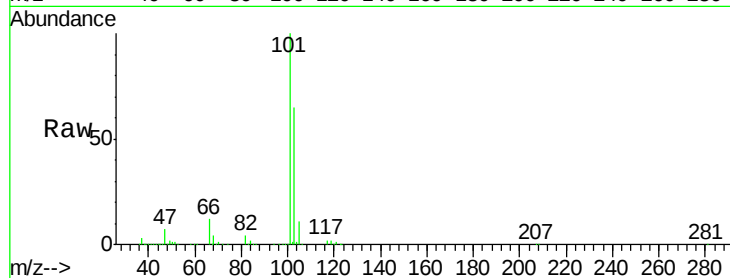
Trichlorofluoromethane
Concen: 139.147 ug/l
RT: 3.12 min Scan# 227
Delta R.T. -0.01 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Instrument :
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VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		618226		
103	65.0	50.6		76.0	

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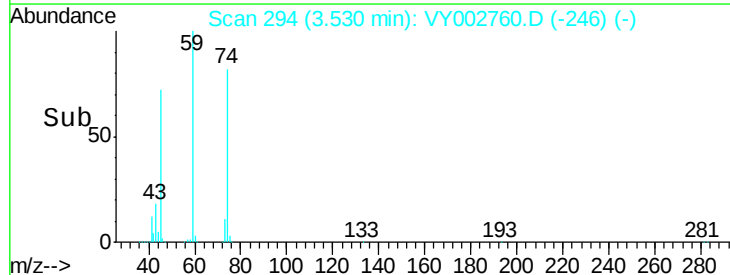
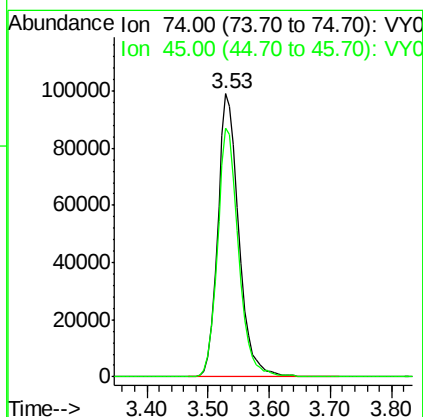
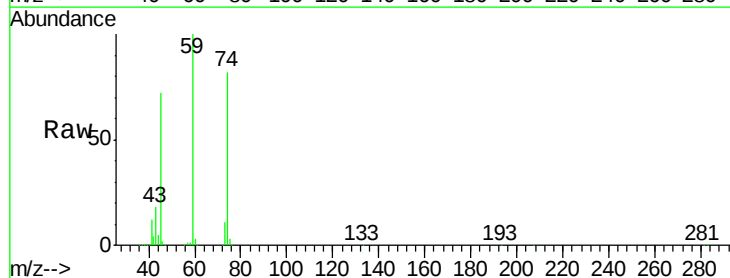
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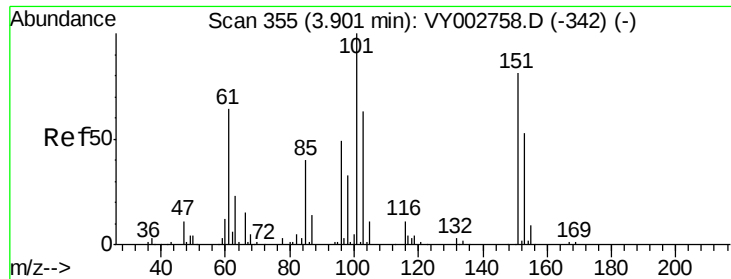


#8

Diethyl Ether
Concen: 155.885 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		237918		
45	87.6	44.0		131.8	





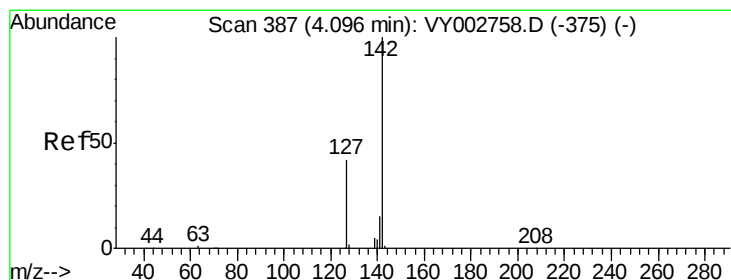
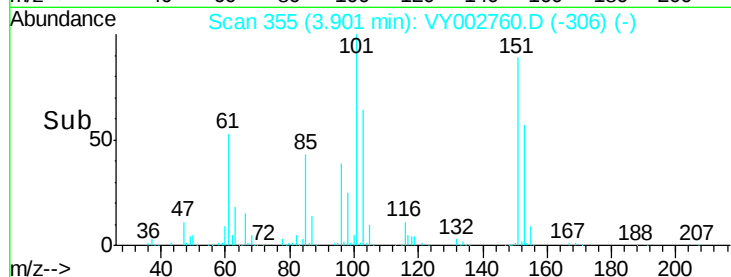
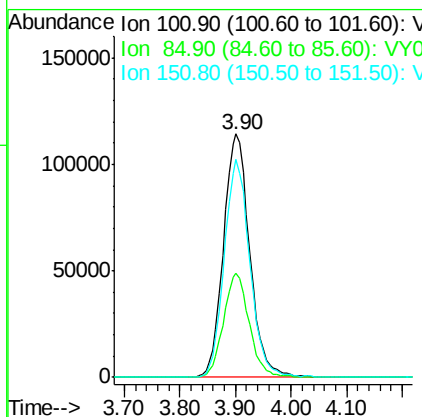
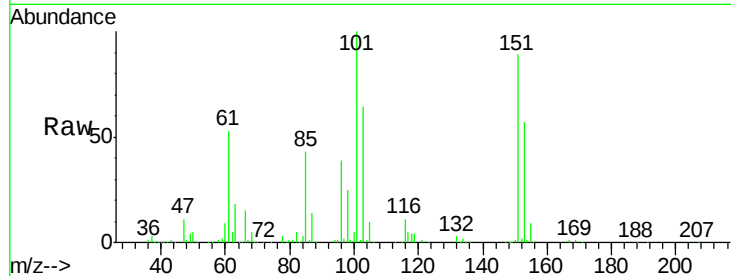
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 137.842 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
101	100	371893		
85	42.0		32.7	49.1
151	88.1		68.0	102.0

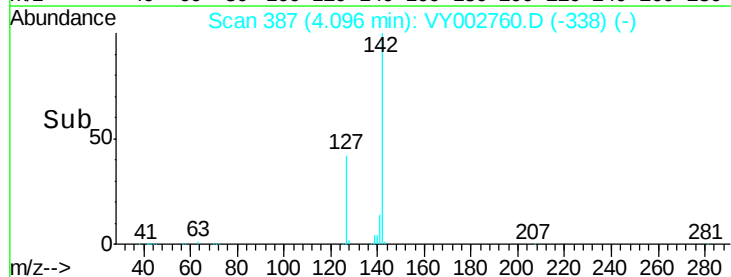
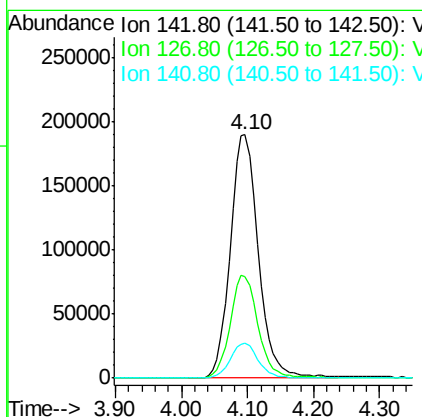
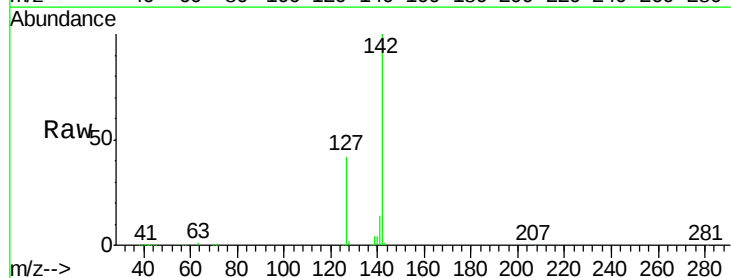
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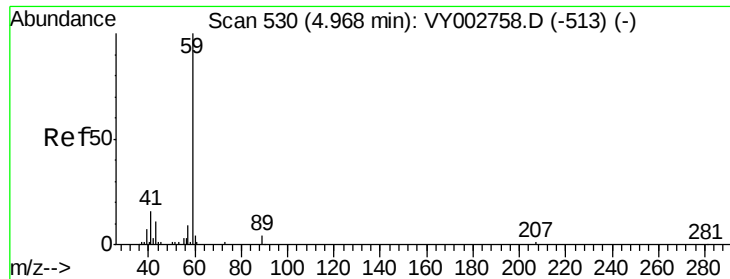
MMDadoda
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#10
 Methyl Iodide
 Concen: 151.698 ug/l
 RT: 4.10 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	559661		
127	41.8		33.3	49.9
141	14.4		11.5	17.3





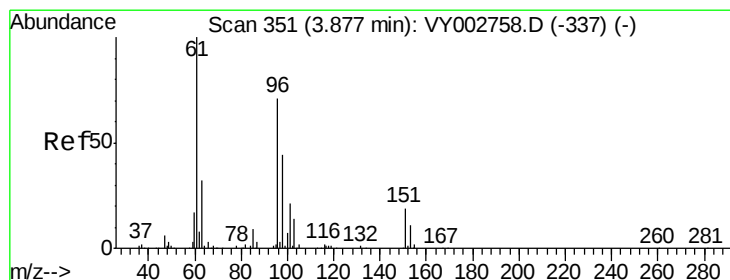
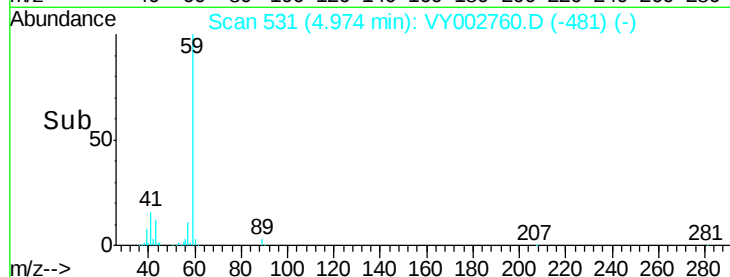
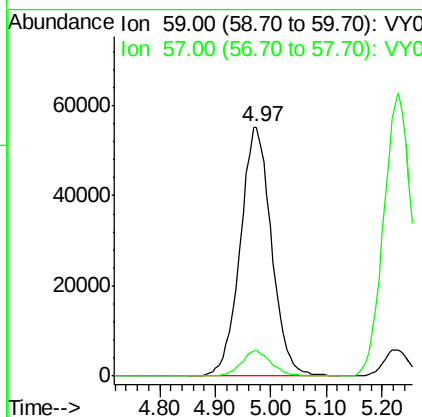
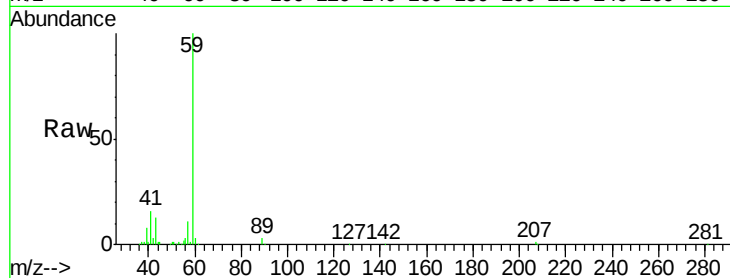
#11
Tert butyl alcohol
Concen: 852.031 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.7	11.5

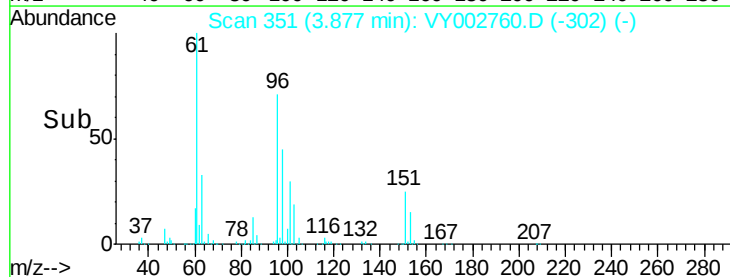
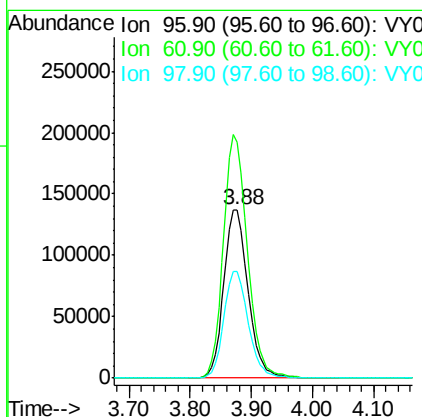
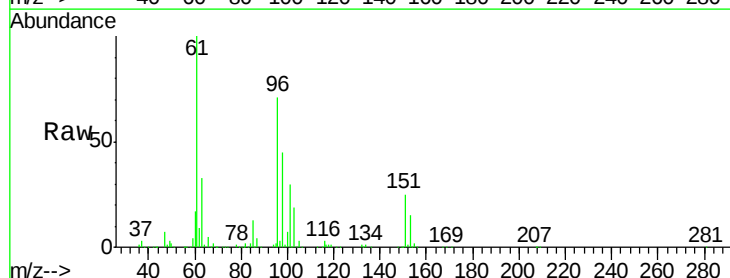
Manual Integrations
APPROVED

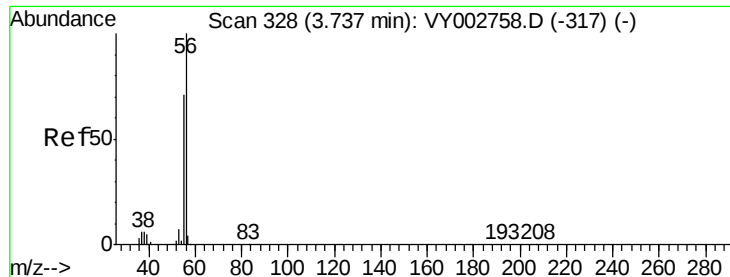
MMDadoda
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#12
1,1-Dichloroethene
Concen: 139.312 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.5	112.6	168.8
98	63.4	50.0	75.0





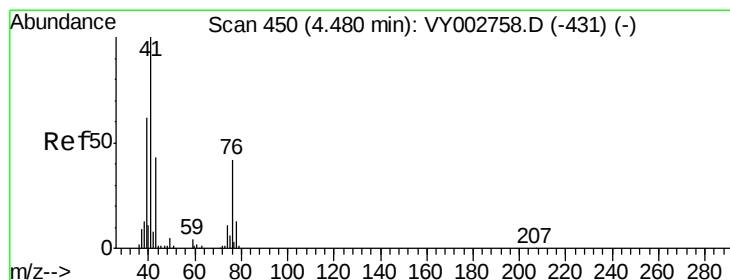
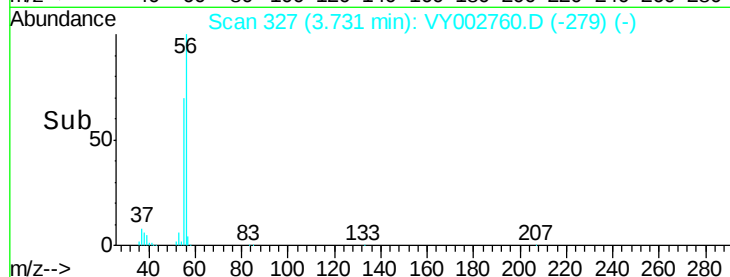
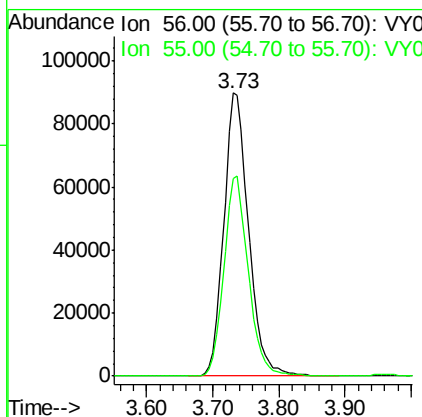
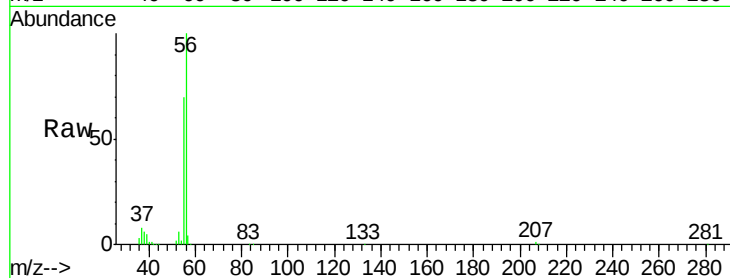
#13
Acrolein
Concen: 803.031 ug/l
RT: 3.73 min Scan# 327
Delta R.T. -0.01 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.7	56.0	84.0

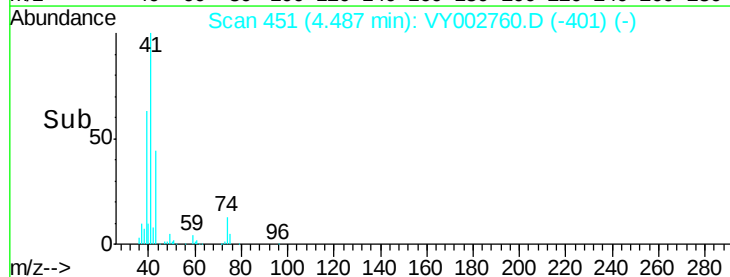
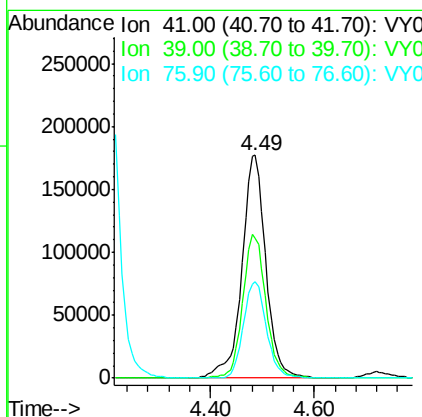
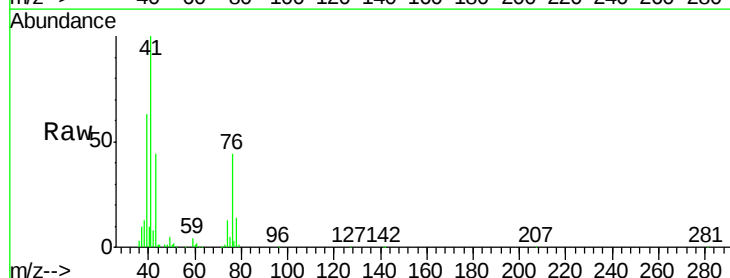
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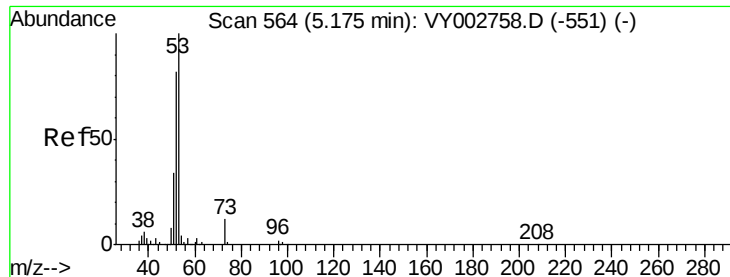
MMDadoda
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#14
Allyl chloride
Concen: 144.700 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.6	49.9	74.9
76	41.6	33.2	49.8





#15

Acrylonitrile

Concen: 838.972 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

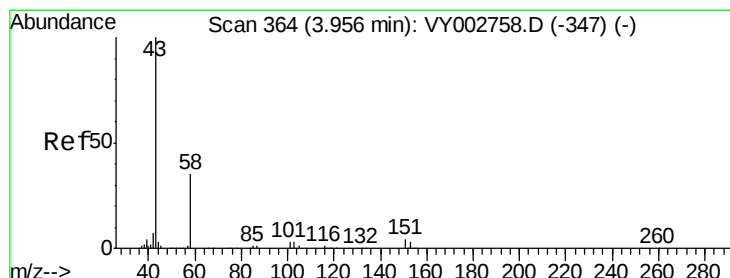
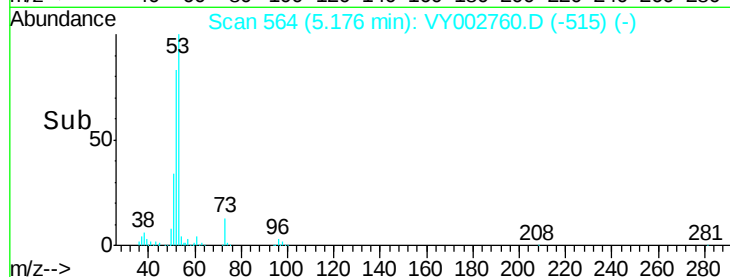
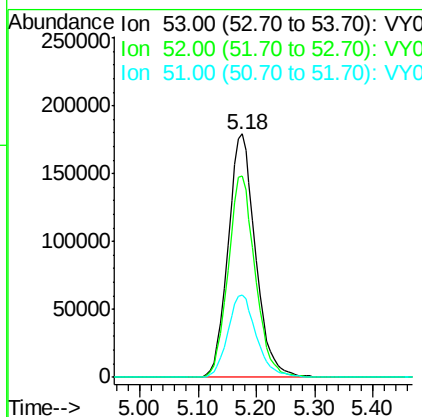
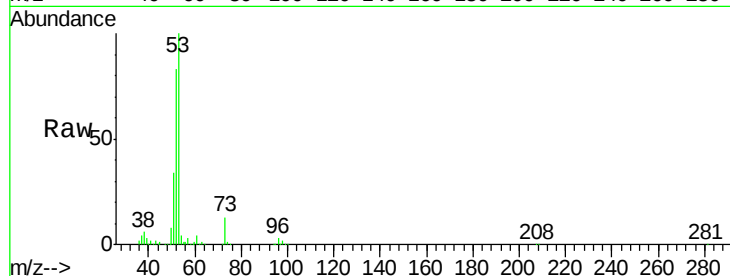
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	583870
Ion Ratio	Lower	Upper	
53	100		
52	81.8	65.3	97.9
51	35.5	28.0	42.0

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#16

Acetone

Concen: 933.569 ug/l

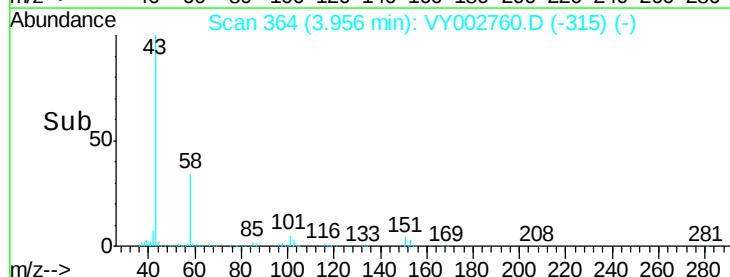
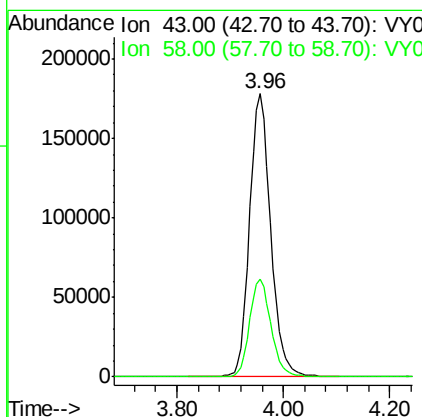
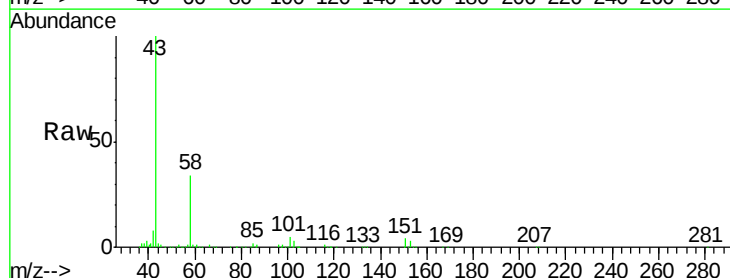
RT: 3.96 min Scan# 364

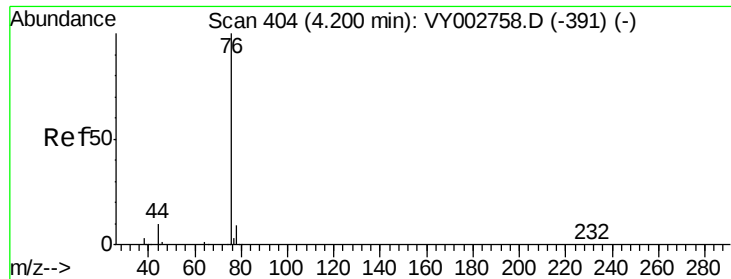
Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Tgt Ion:	43	Resp:	485279
Ion Ratio	Lower	Upper	
43	100		
58	34.3	27.7	41.5





#17

Carbon Disulfide

Concen: 134.762 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1131108

Ion Ratio Lower Upper

76 100

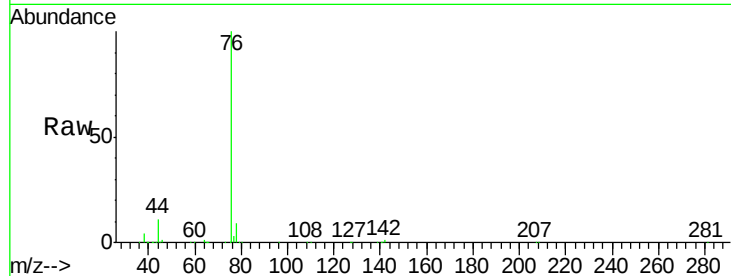
78 9.2 6.9 10.3

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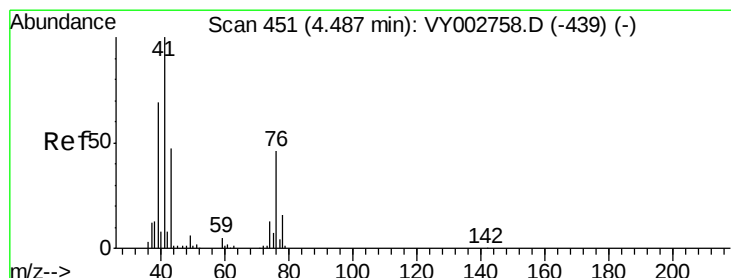
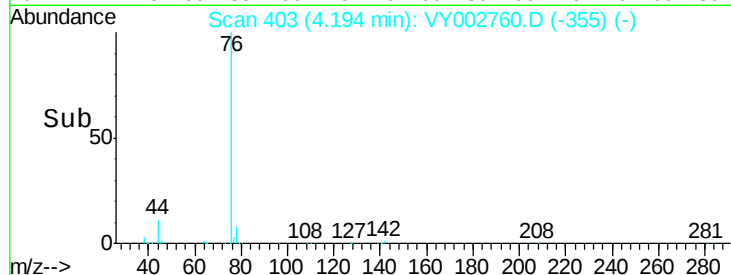
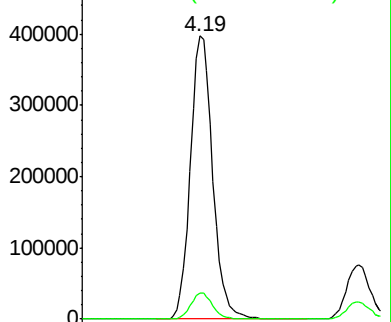
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 165.696 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY002760.D

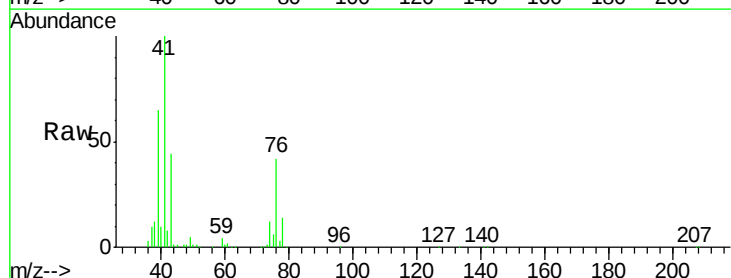
Acq: 27 May 2020 13:00

Tgt Ion: 43 Resp: 238667

Ion Ratio Lower Upper

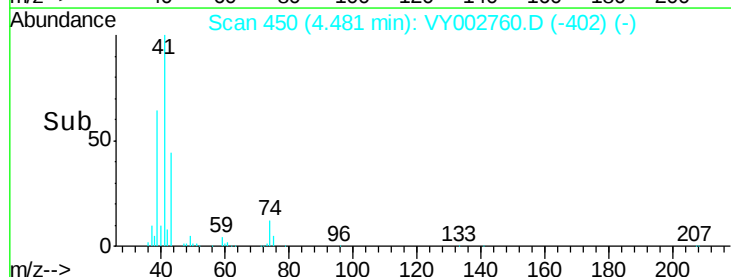
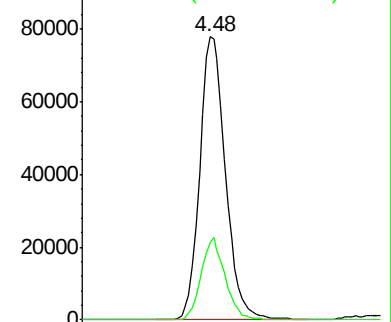
43 100

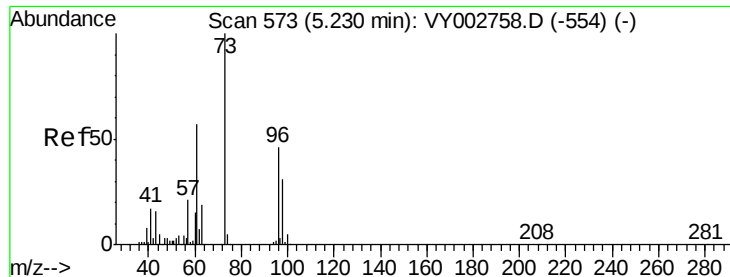
74 27.2 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





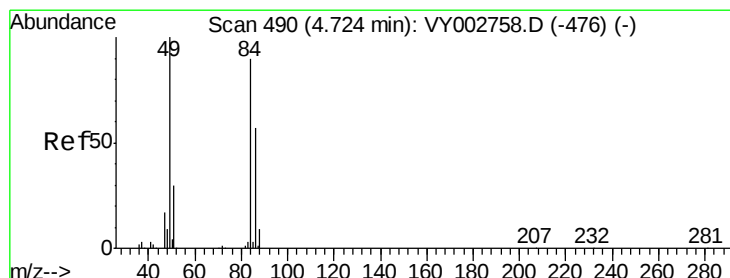
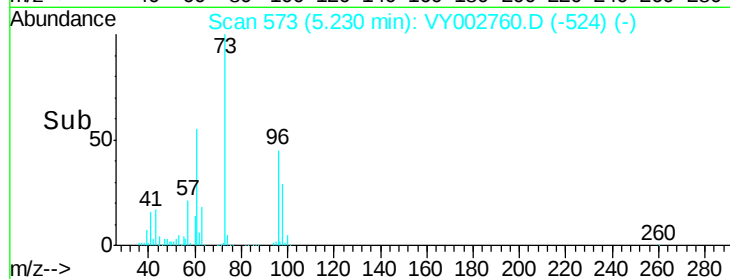
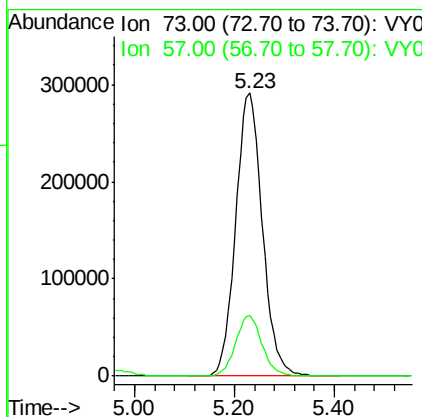
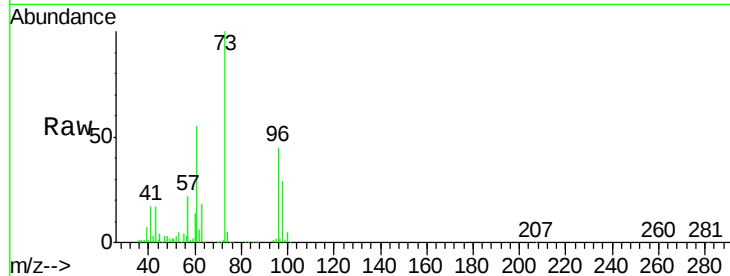
#19
Methvl tert-butvl Ether
Concen: 159.512 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1081704
Ion Ratio Lower Upper
73 100
57 21.5 17.0 25.4

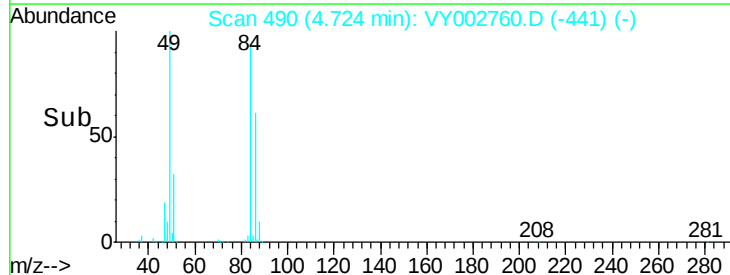
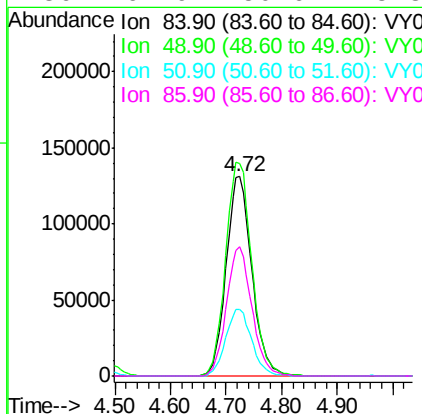
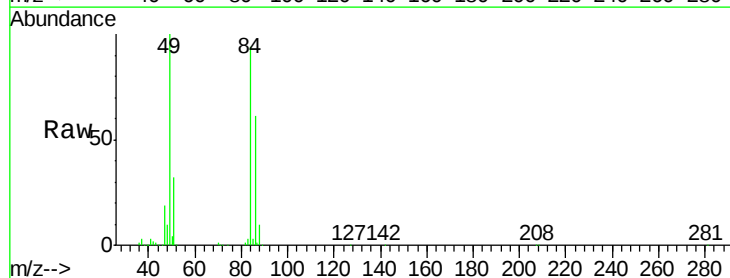
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#20
Methylene Chloride
Concen: 138.745 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion: 84 Resp: 418019
Ion Ratio Lower Upper
84 100
49 106.4 88.5 132.7
51 33.6 26.8 40.2
86 64.9 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 141.826 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

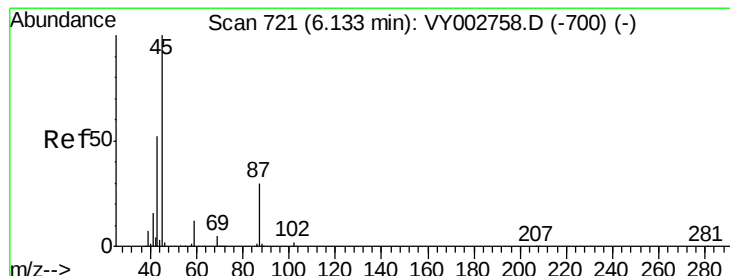
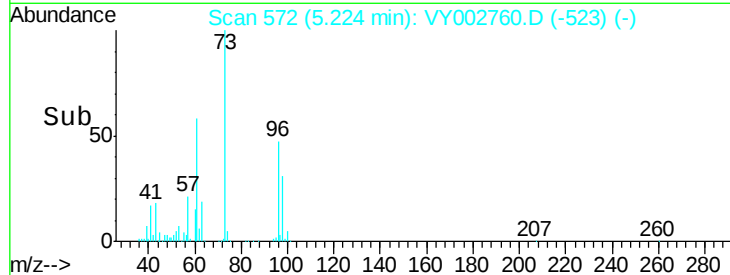
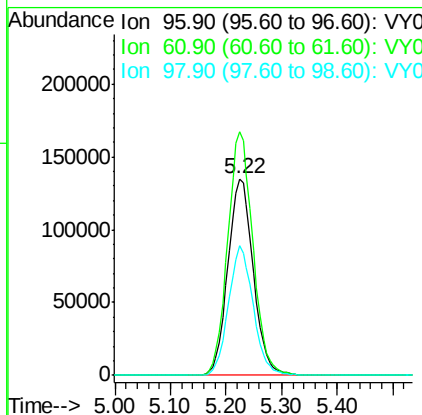
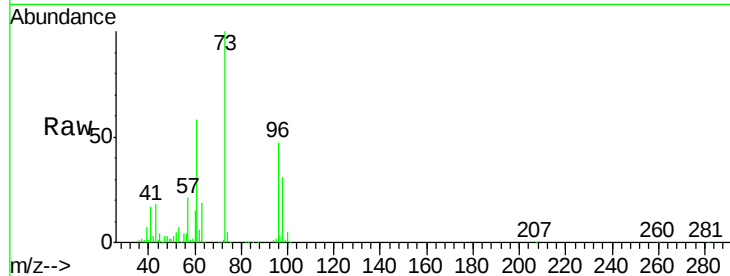
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	425617
Ion	Ratio	Lower	Upper
96	100		
61	124.0	96.8	145.2
98	65.9	49.4	74.0

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#22

Diisopropyl ether

Concen: 149.379 ug/l

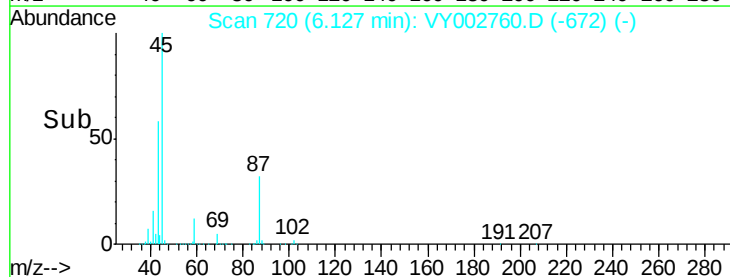
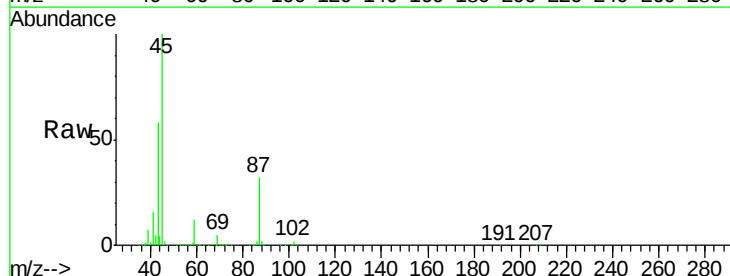
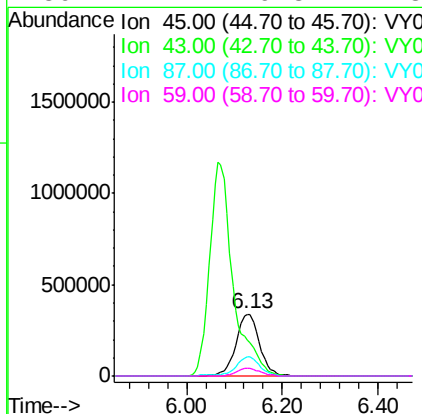
RT: 6.13 min Scan# 720

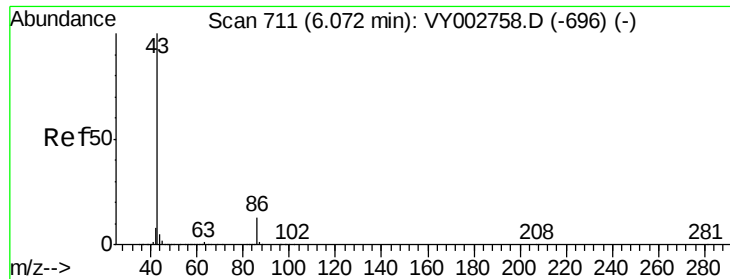
Delta R.T. -0.01 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Tgt Ion:	45	Resp:	1154549
Ion	Ratio	Lower	Upper
45	100		
43	58.2	41.7	62.5
87	31.7	24.2	36.2
59	12.2	9.8	14.8





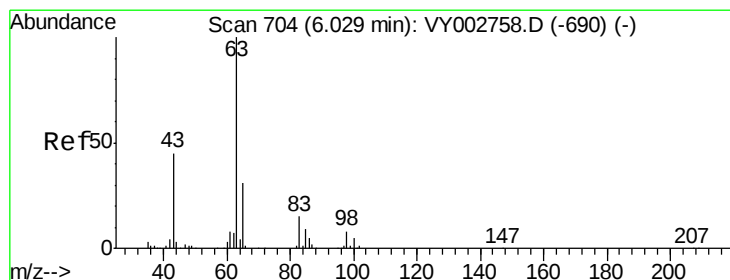
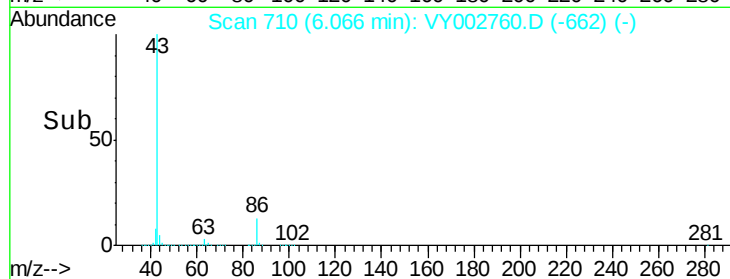
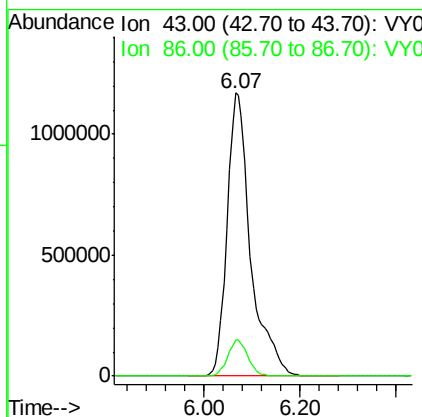
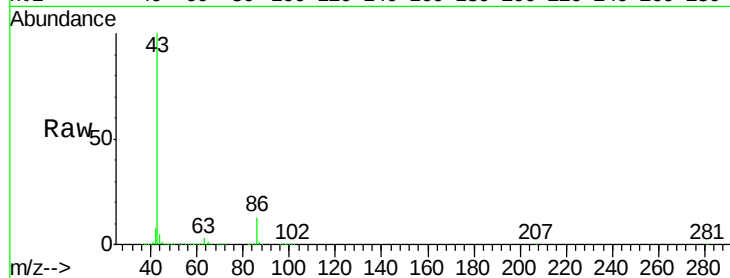
#23
 Vinyl Acetate
 Concen: 796.258 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion: 43 Resp: 3970812
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.2 15.2

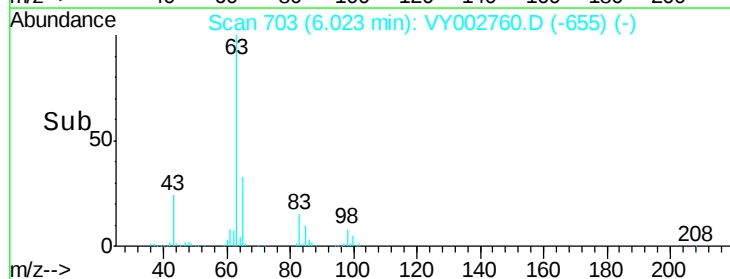
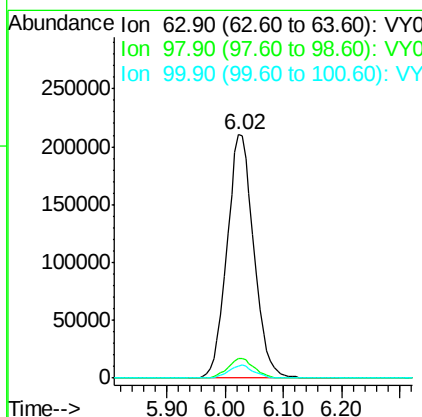
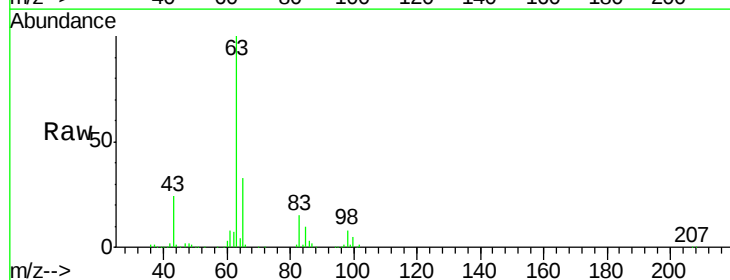
Manual Integrations
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#24
 1,1-Dichloroethane
 Concen: 145.326 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Tgt Ion: 63 Resp: 669928
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.2
 100 4.9 2.4 7.1





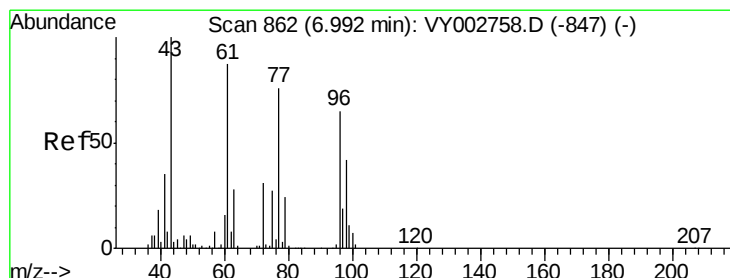
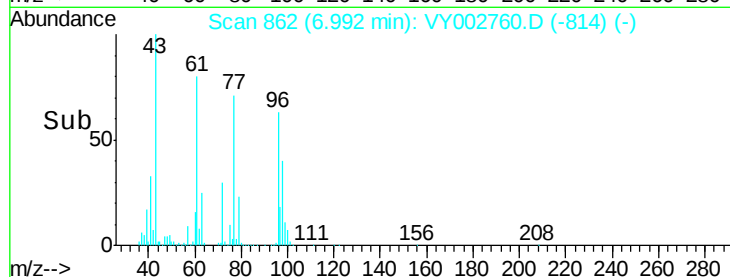
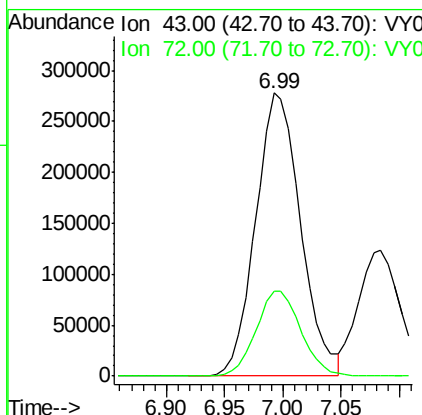
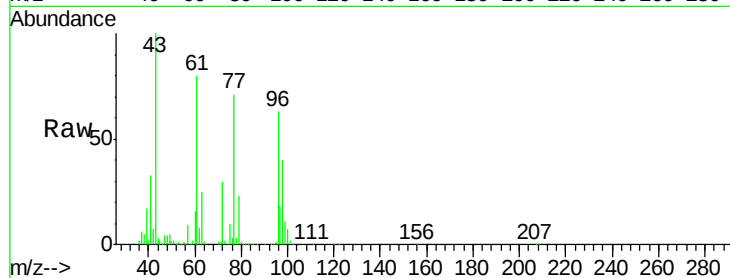
#25
2-Butanone
Concen: 875.474 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
72	30.0	23.9	35.9

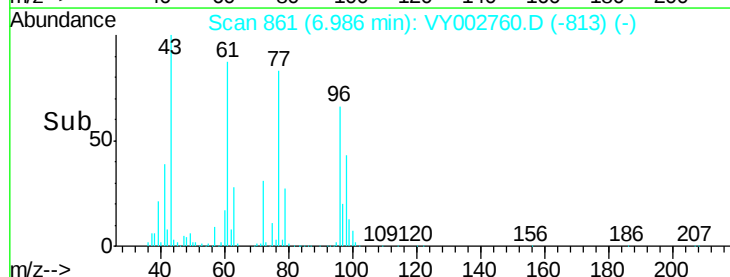
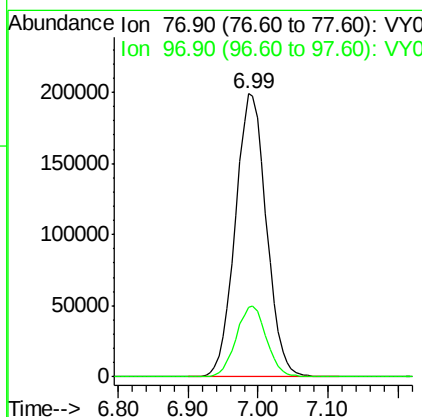
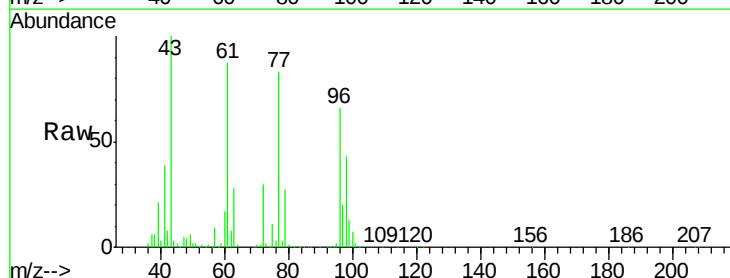
Manual Integrations
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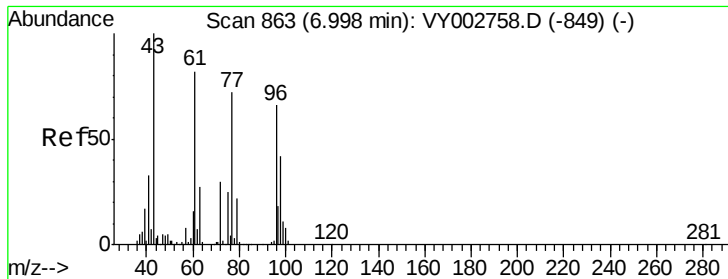
MMDadoda
5/28/2020 2:08:42 PM



#26
2,2-Dichloropropane
Concen: 142.417 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
77	100		
97	24.6	12.2	36.6





#27

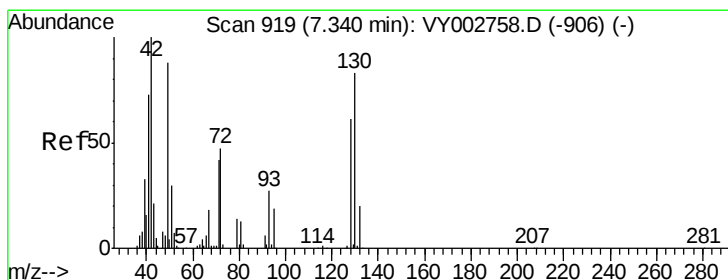
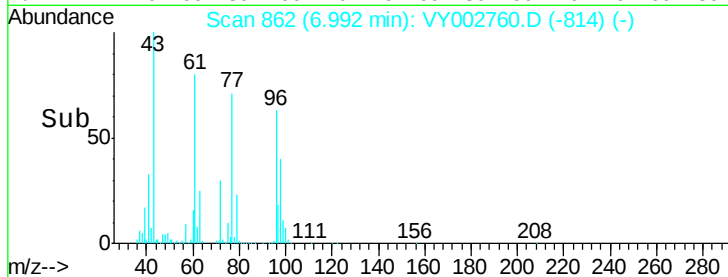
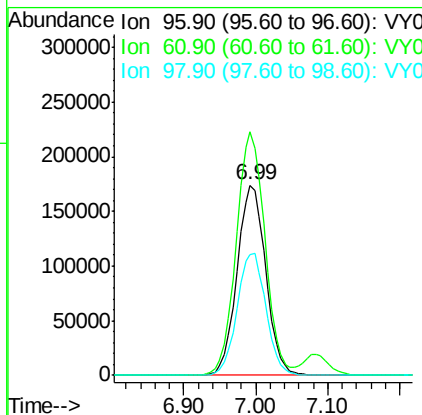
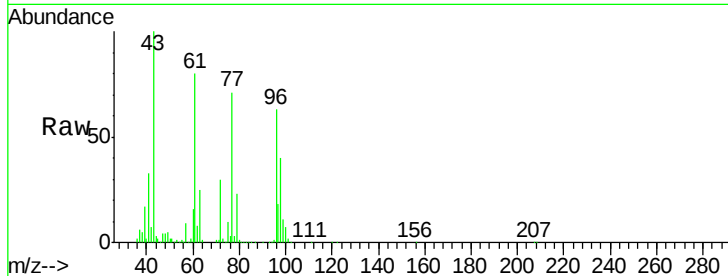
cis-1,2-Dichloroethene
Concen: 147.073 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	478804		
61	128.5		0.0	260.2
98	64.9		0.0	128.2

Manual Integrations
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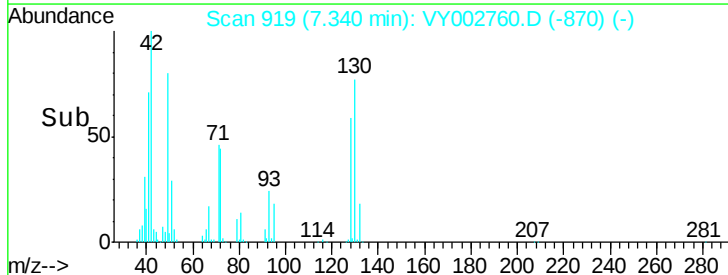
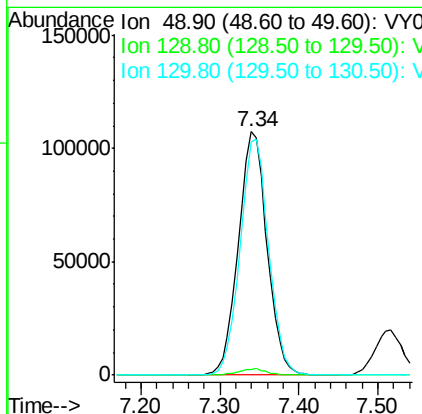
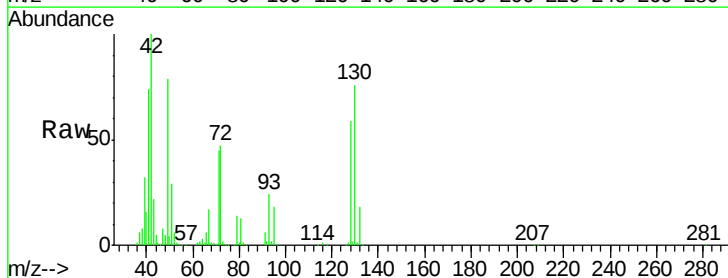
MMDadoda
5/28/2020 2:08:42 PM



#28

Bromochloromethane
Concen: 147.566 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	272007		
129	2.6		0.0	5.2
130	96.5		77.1	115.7





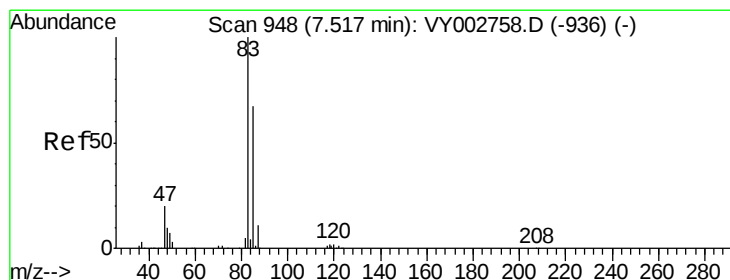
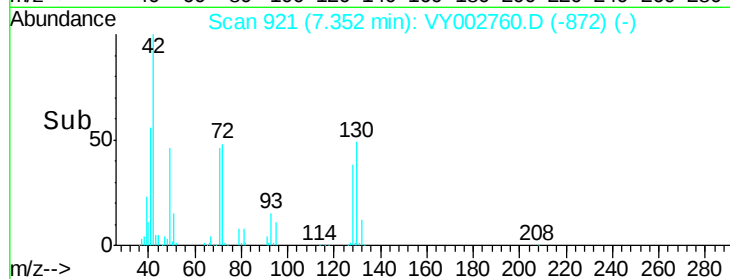
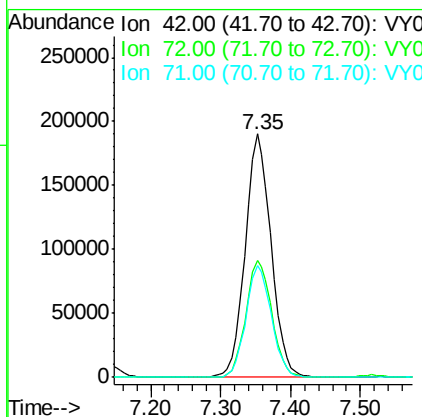
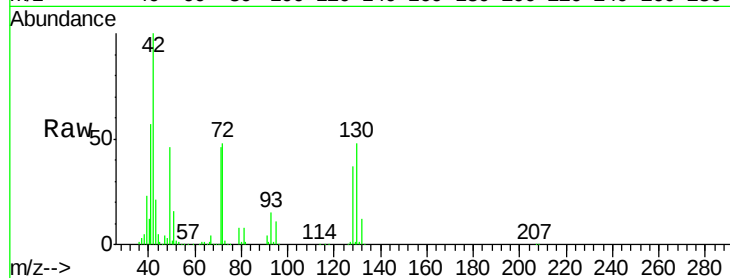
#29
Tetrahydrofuran
Concen: 852.523 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.2	38.6	58.0
71	45.3	35.8	53.8

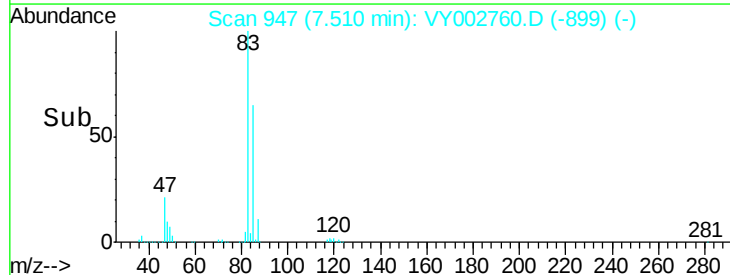
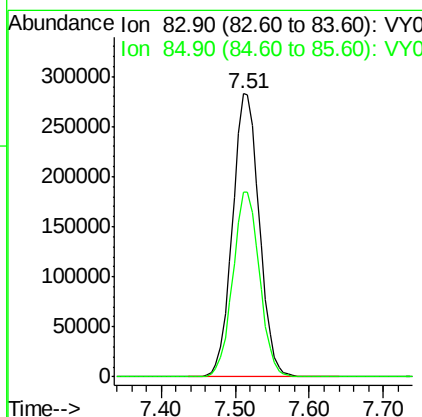
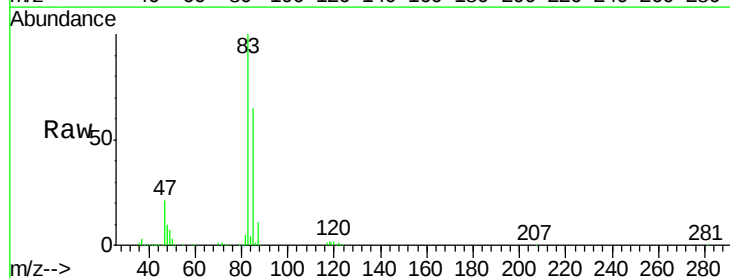
Manual Integrations
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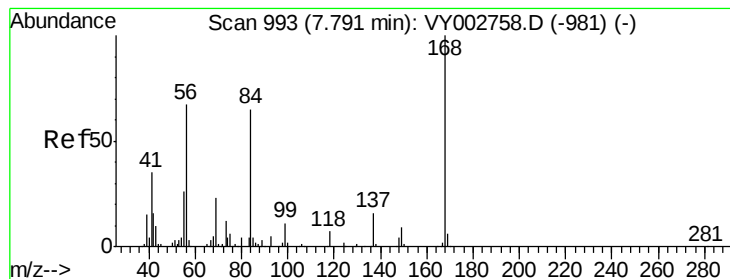
MMDadoda
5/28/2020 2:08:42 PM



#30
Chloroform
Concen: 148.654 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	53.8	80.8





#31

Cyclohexane

Concen: 132.420 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

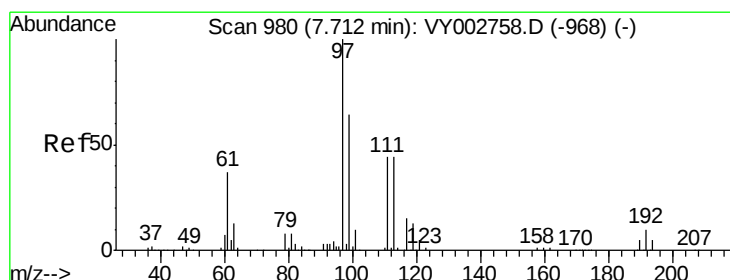
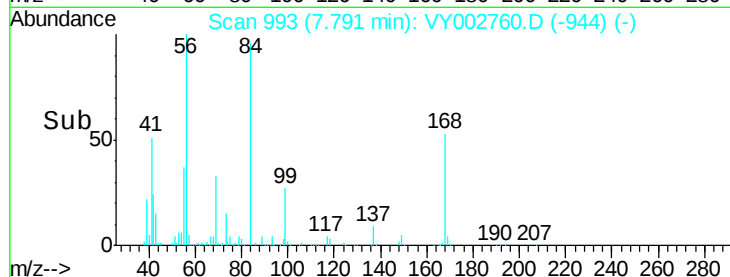
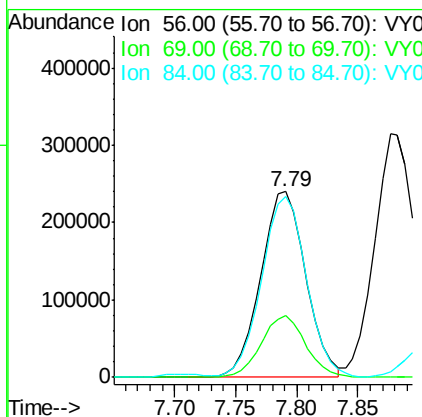
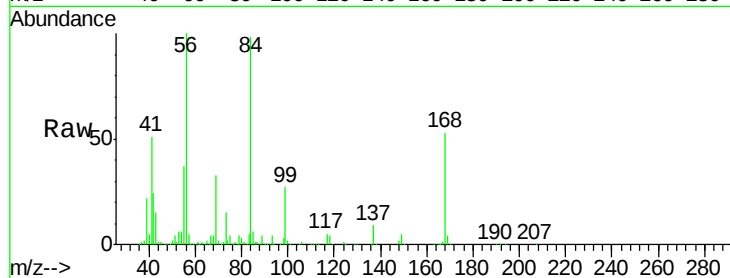
ClientSampleId :

VSTDIC150

Tot Ion:	56	Resp:	616285
Ion	Ratio	Lower	Upper
56	100		
69	33.1	28.0	42.0
84	95.9	77.7	116.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 147.887 ug/l

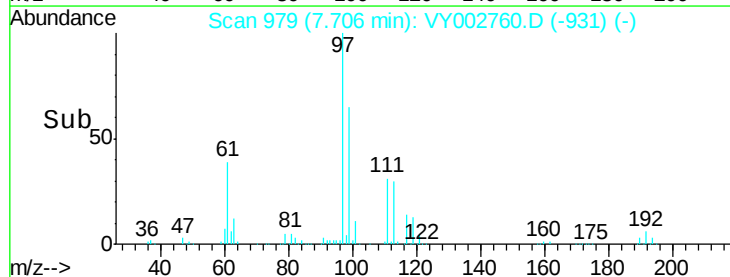
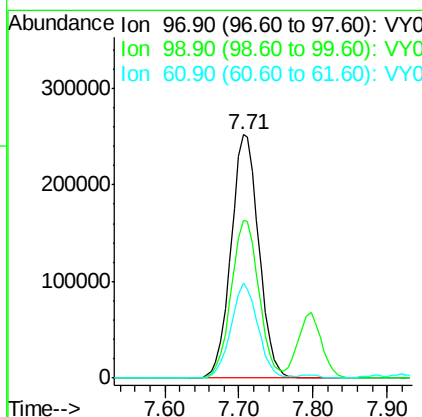
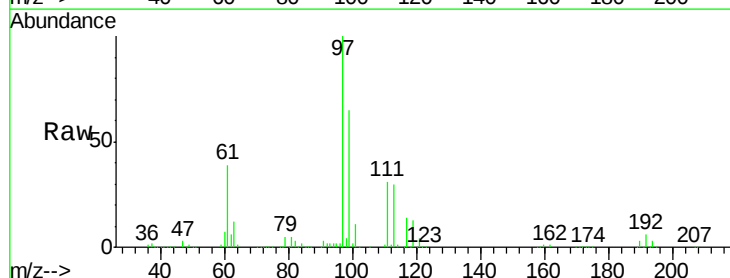
RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Tgt Ion:	97	Resp:	656500
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.4	77.0
61	37.8	30.1	45.1





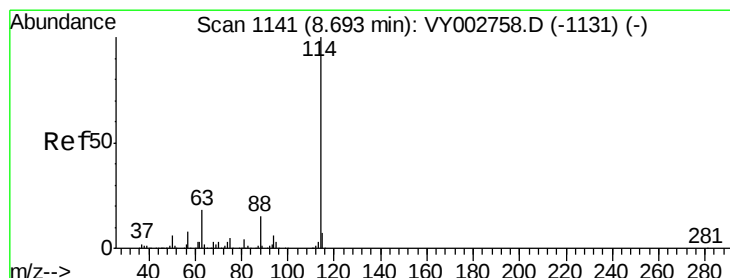
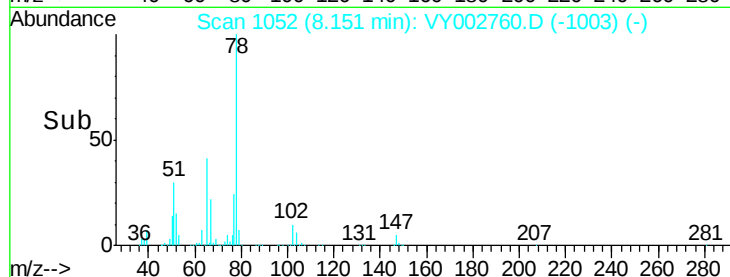
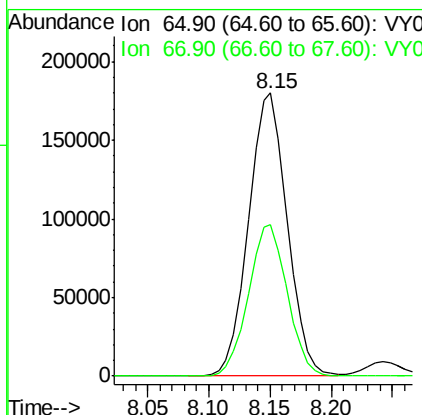
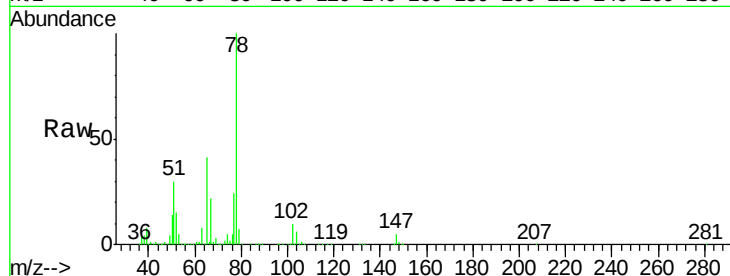
#33
 1,2-Dichloroethane-d4
 Concen: 161.398 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.9	0.0	111.0	

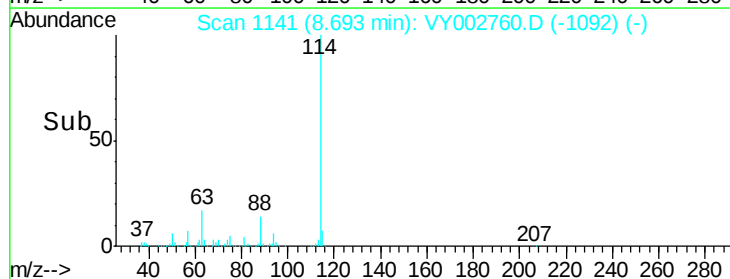
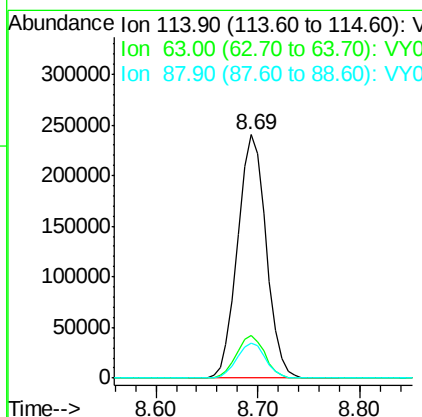
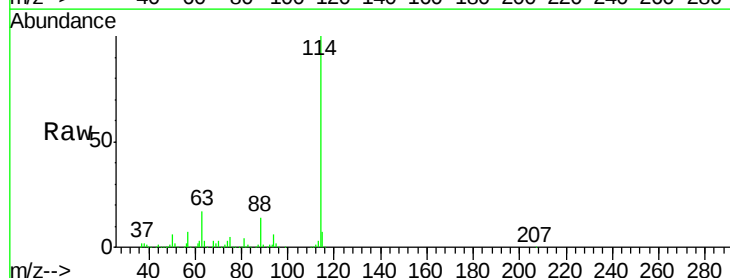
Manual Integrations
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 5/28/2020 2:08:42 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.4	0.0	35.2	
88	14.4	0.0	29.2	





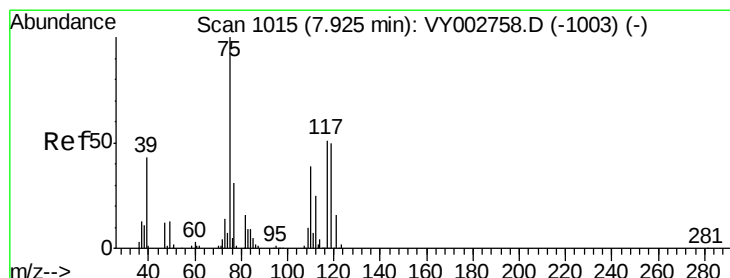
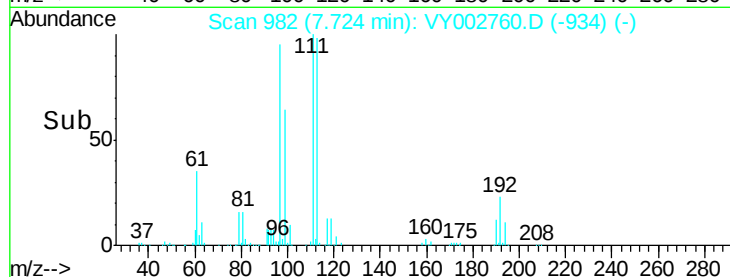
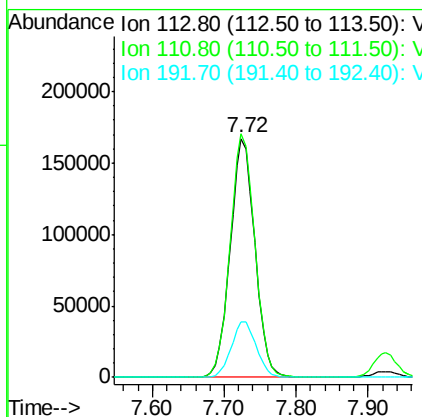
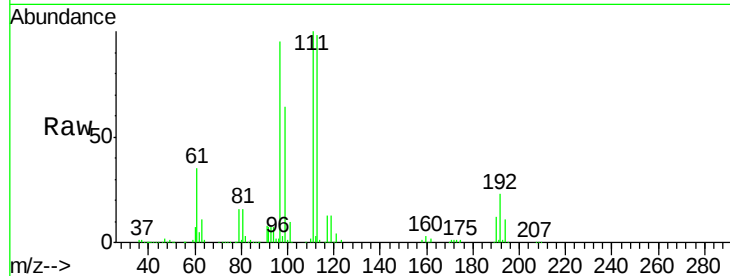
#35
 Dibromofluoromethane
 Concen: 153.056 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	396866		
111	102.3		82.0	123.0
192	23.7		18.9	28.3

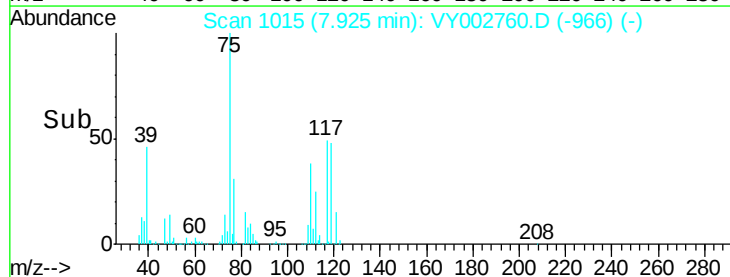
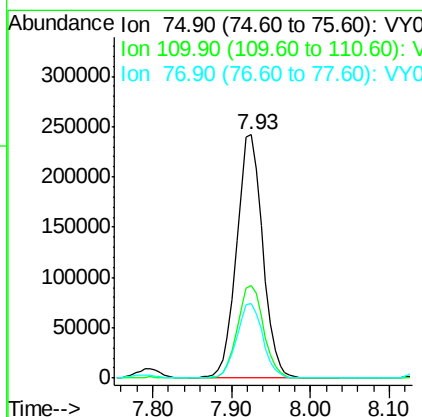
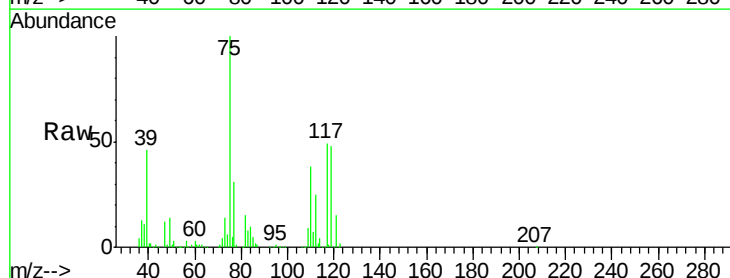
Manual Integrations
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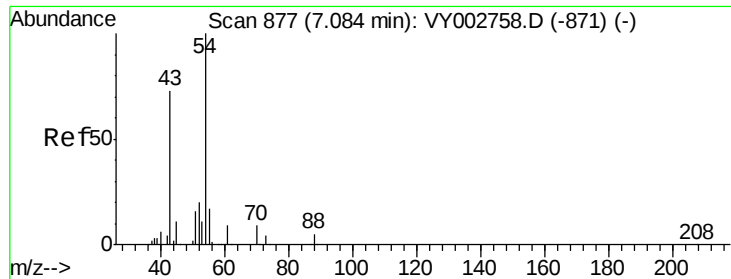
MMDadoda
 5/28/2020 2:08:42 PM



#36
 1,1-Dichloropropene
 Concen: 141.595 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	556186		
110	38.4		19.3	57.9
77	30.8		24.8	37.2





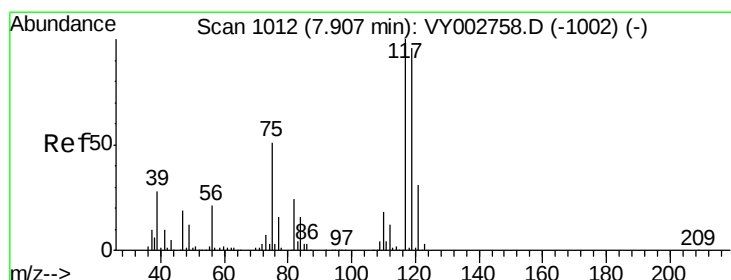
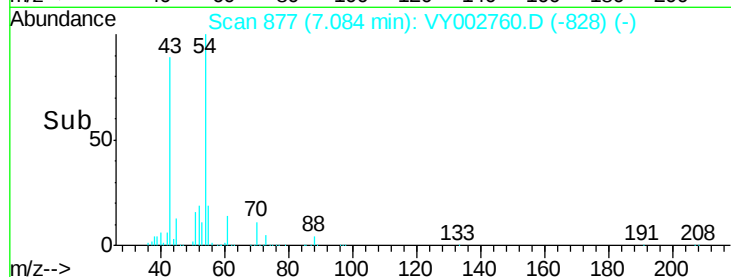
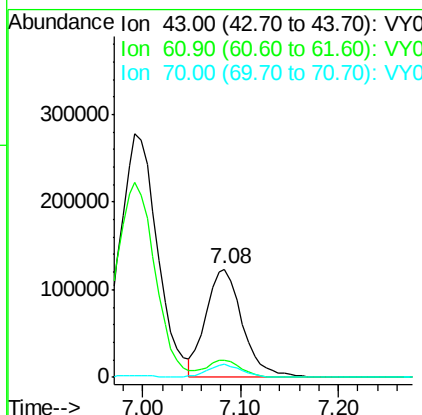
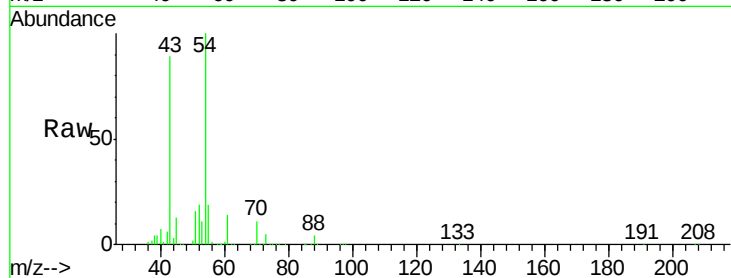
#37
Ethyl Acetate
Concen: 163.174 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	14.9	11.9	17.9	
70	11.4	9.1	13.7	

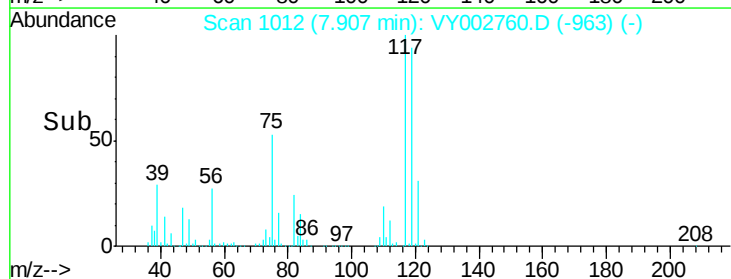
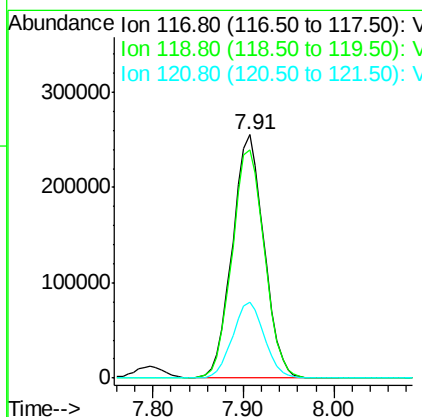
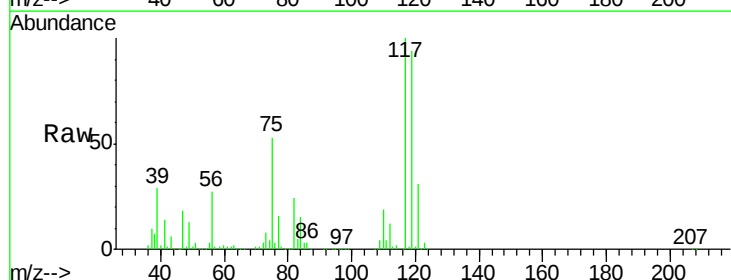
Manual Integrations
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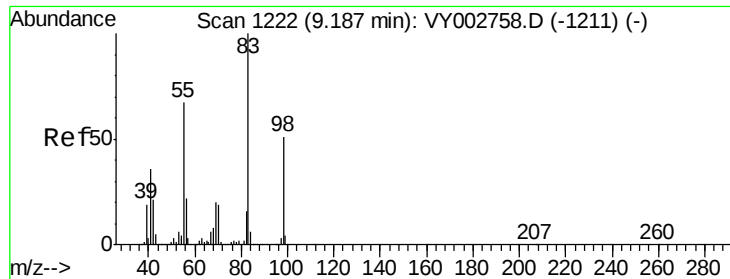
MMDadoda
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#38
Carbon Tetrachloride
Concen: 146.359 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.0	76.8	115.2	
121	30.9	24.8	37.2	





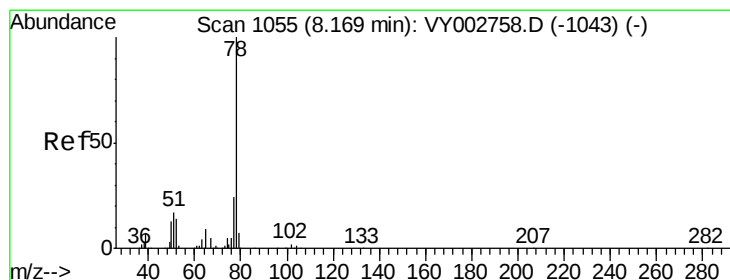
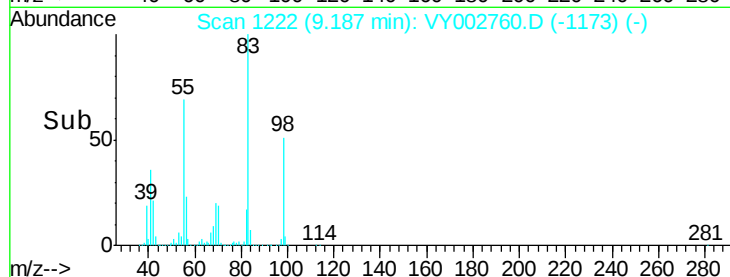
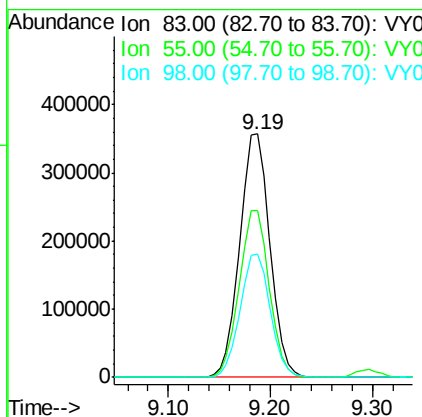
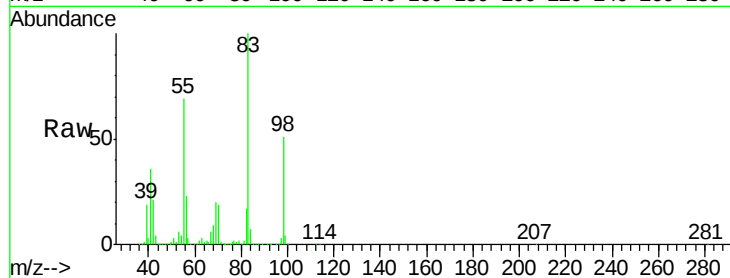
#39
Methvlcvclohexane
Concen: 140.031 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	83	Resp	735371
Ion	Ratio	Lower	Upper
83	100		
55	68.8	53.3	79.9
98	50.7	41.1	61.7

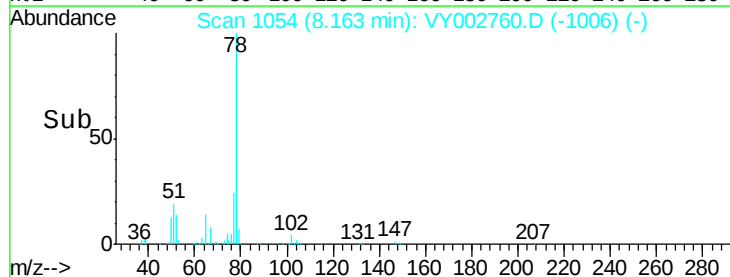
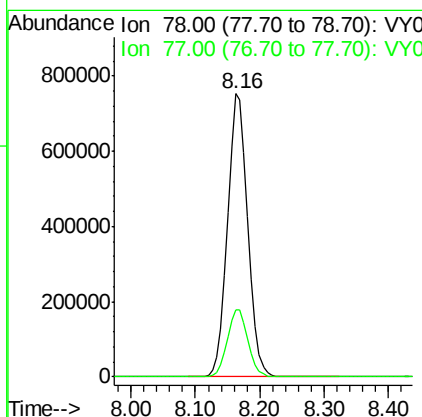
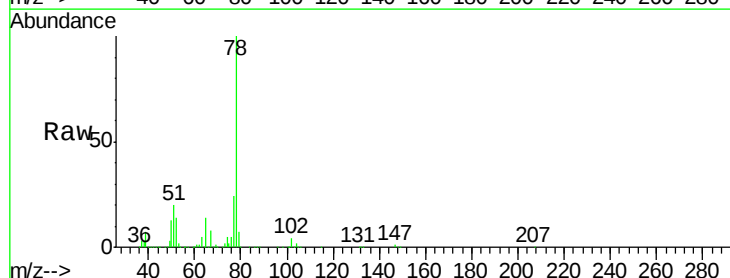
Manual Integrations
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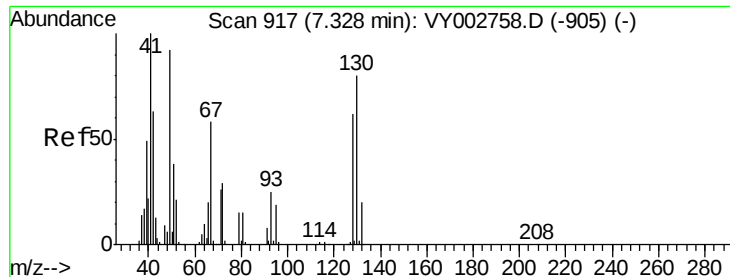
MMDadoda
5/28/2020 2:08:42 PM



#40
Benzene
Concen: 145.169 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion	78	Resp	1663814
Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2





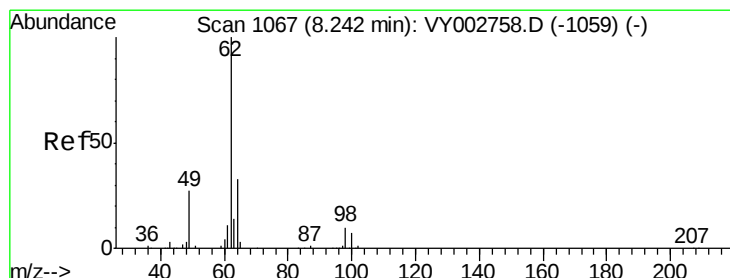
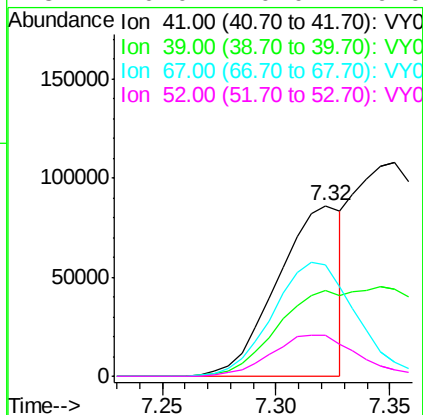
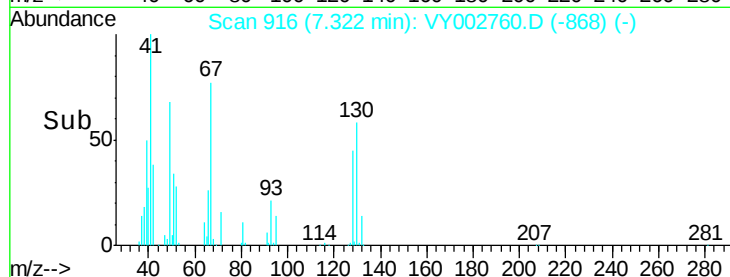
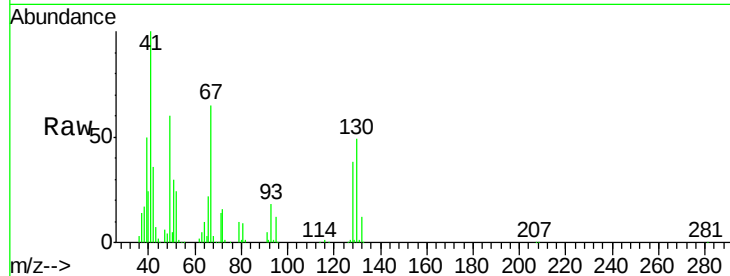
#41
Methacrylonitrile
Concen: 148.046 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:	41	Resp:	168694
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

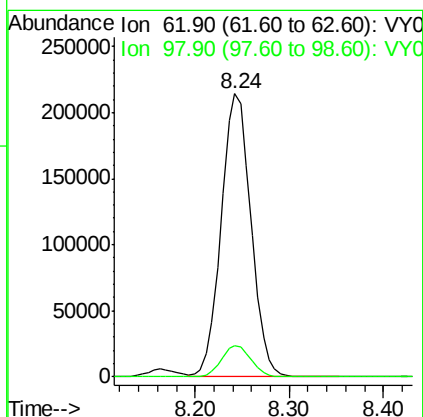
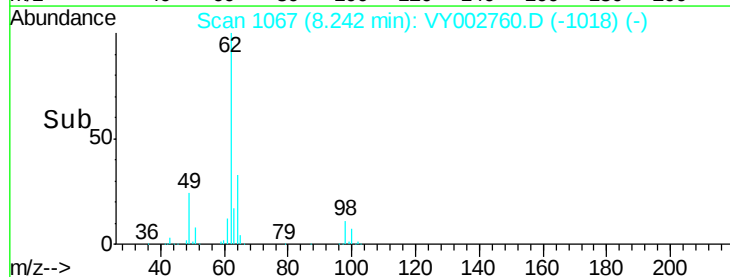
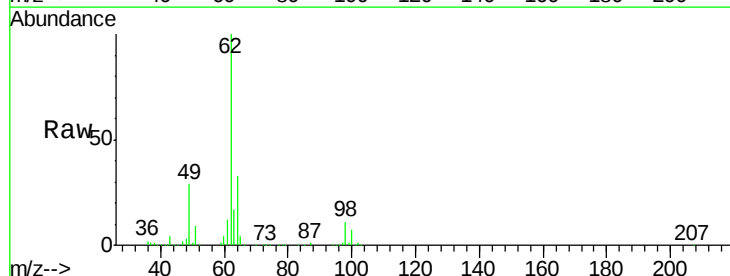
Manual Integrations
APPROVED

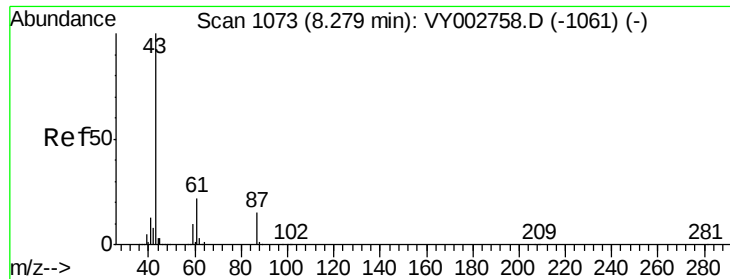
MMDadoda
5/28/2020 2:08:42 PM



#42
1,2-Dichloroethane
Concen: 154.381 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion:	62	Resp:	470023
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	22.6





#43

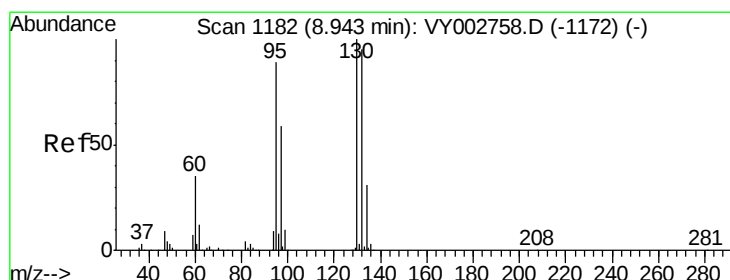
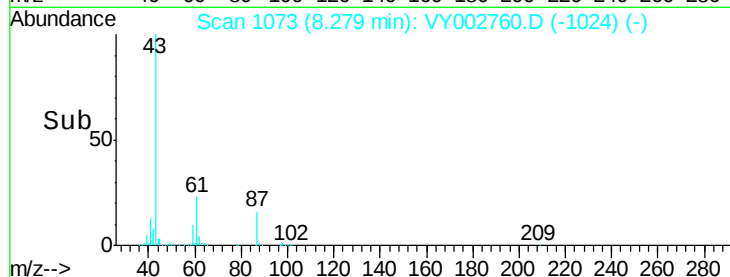
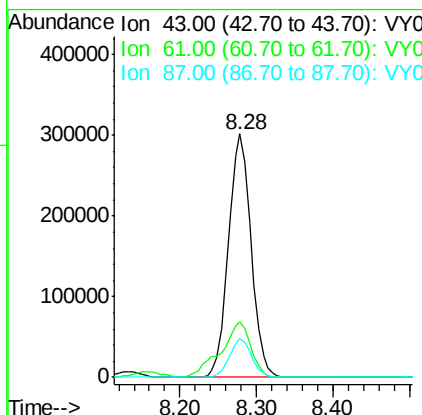
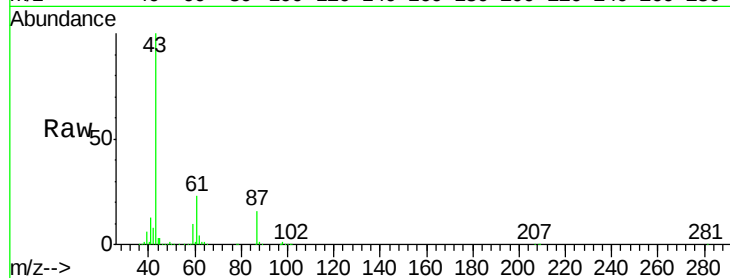
Isopropyl Acetate
 Concen: 168.873 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.4	24.8	37.2
87	15.6	12.4	18.6

Manual Integrations
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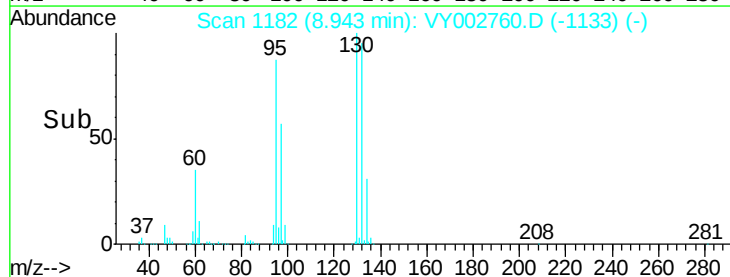
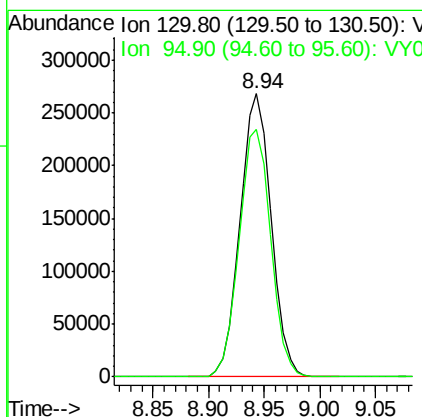
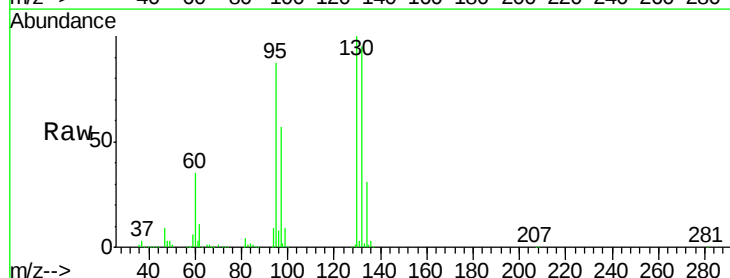
MMDadoda
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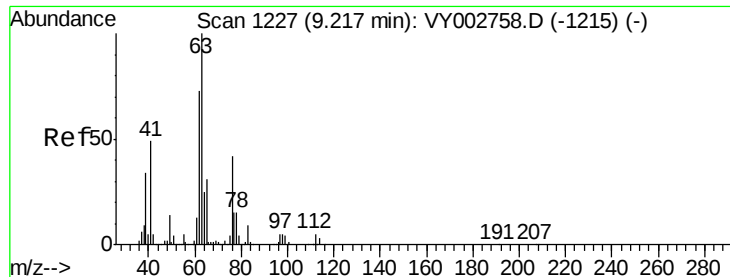


#44

Trichloroethene
 Concen: 142.595 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.3	0.0	178.8





#45

1,2-Dichloropropane

Concen: 148.786 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 406609

Ion Ratio Lower Upper

63 100

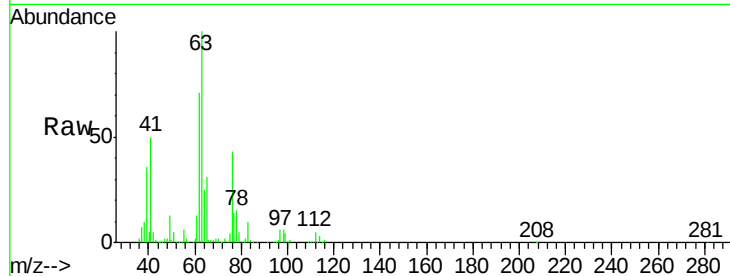
65 31.4 24.8 37.2

Manual Integrations

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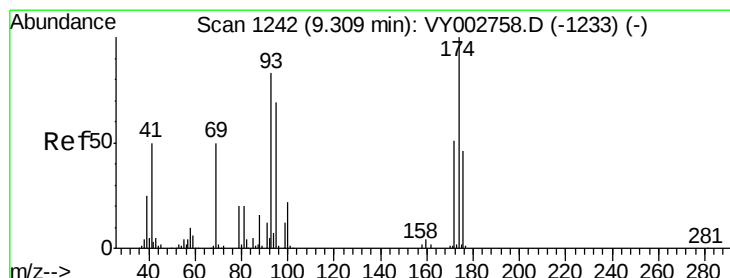
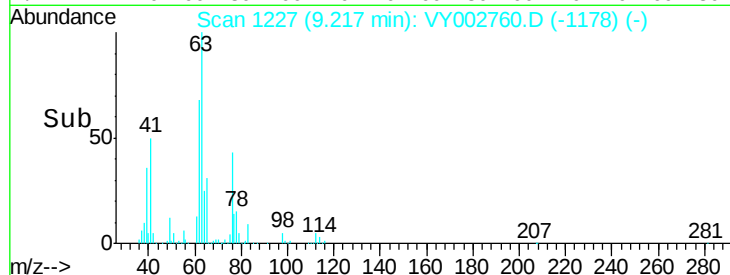
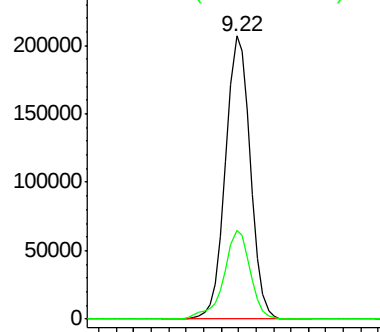
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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 156.701 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

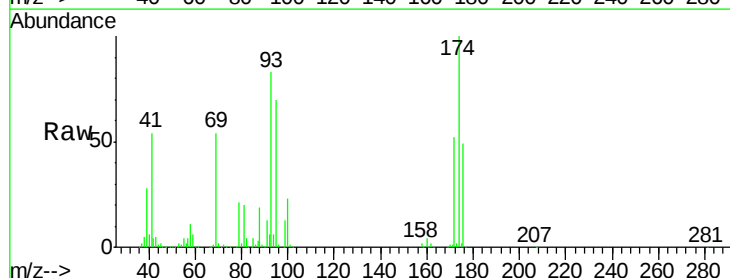
Tgt Ion: 93 Resp: 241588

Ion Ratio Lower Upper

93 100

95 83.3 66.9 100.3

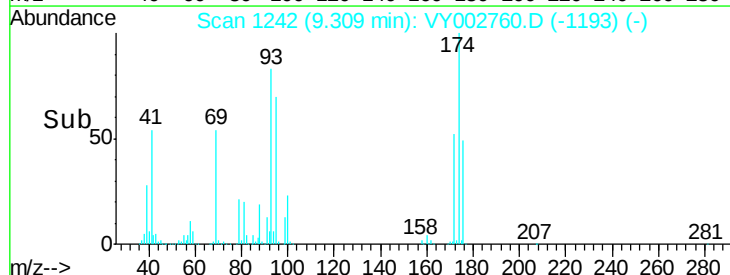
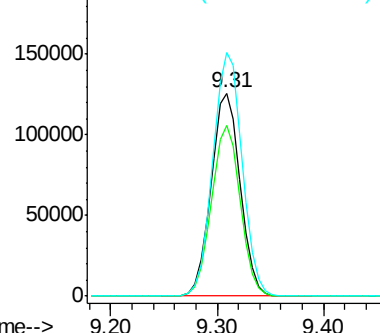
174 121.2 97.7 146.5

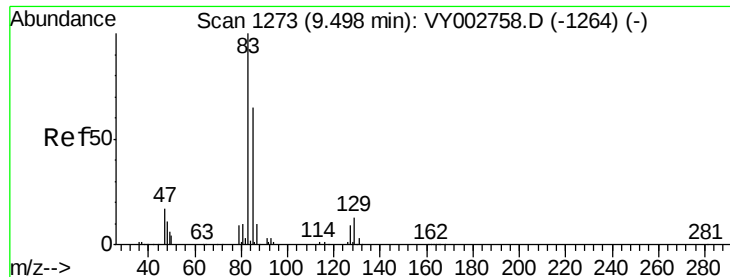


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 153.327 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

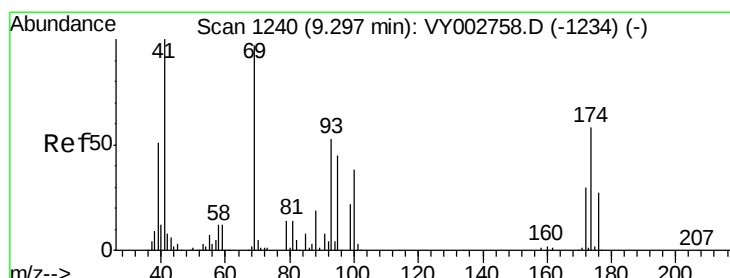
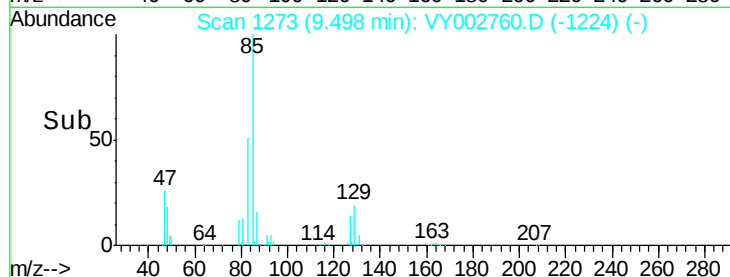
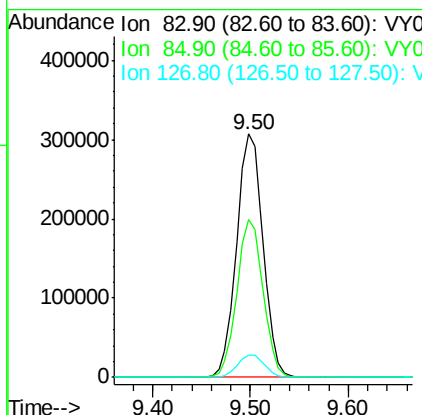
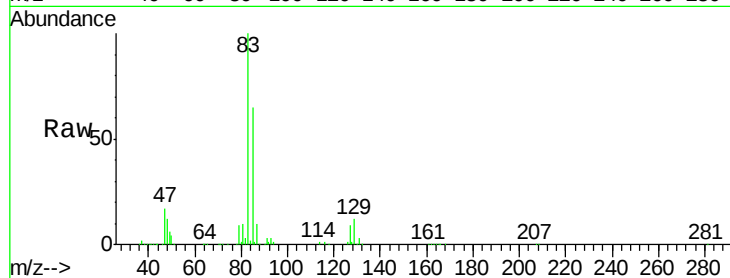
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	574740
Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.9	77.9
127	9.2	7.1	10.7

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#48

Methyl methacrylate

Concen: 167.413 ug/l

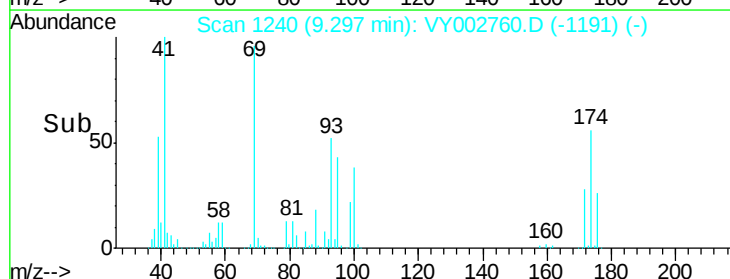
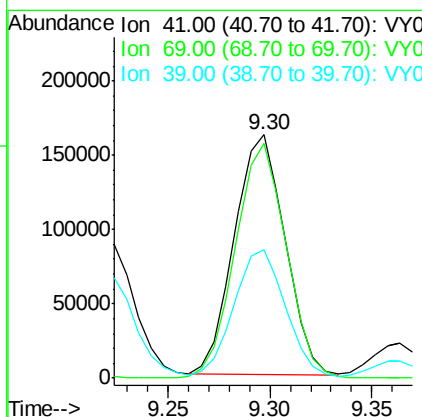
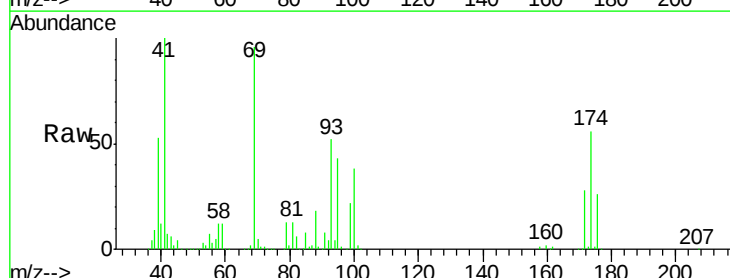
RT: 9.30 min Scan# 1240

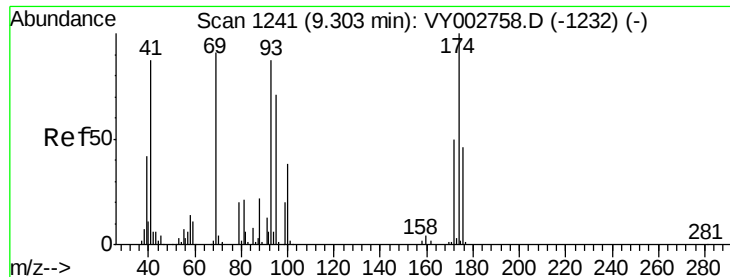
Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Tgt Ion:	41	Resp:	279936
Ion	Ratio	Lower	Upper
41	100		
69	97.9	79.7	119.5
39	54.8	43.3	64.9





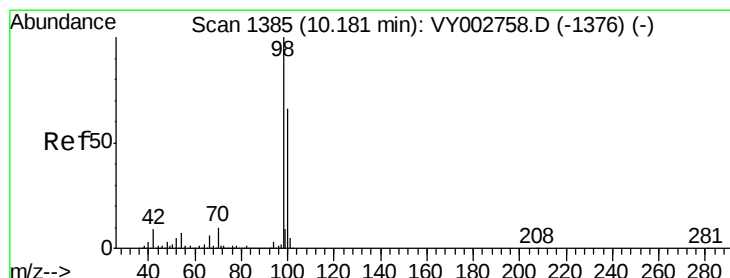
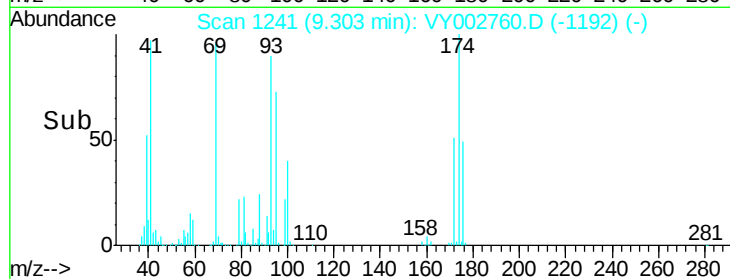
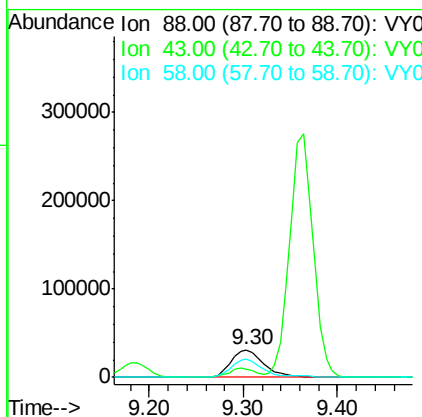
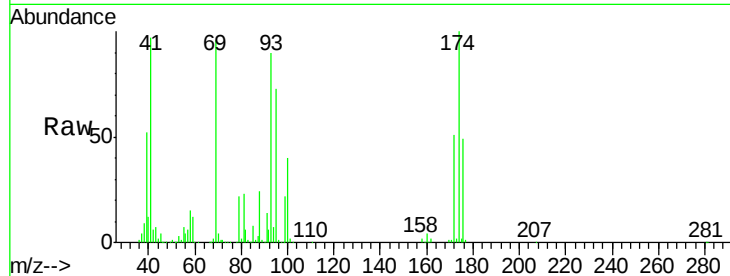
#49
1,4-Dioxane
Concen: 3542.191 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	88	Resp	76207
Ion	Ratio	Lower	Upper
88	100		
43	27.1	21.3	31.9
58	65.7	52.2	78.2

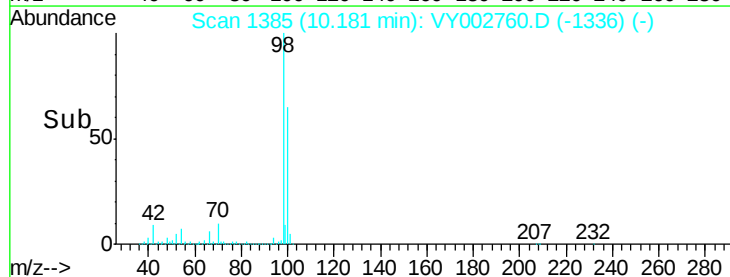
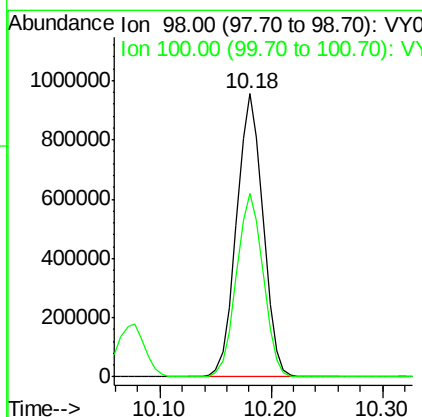
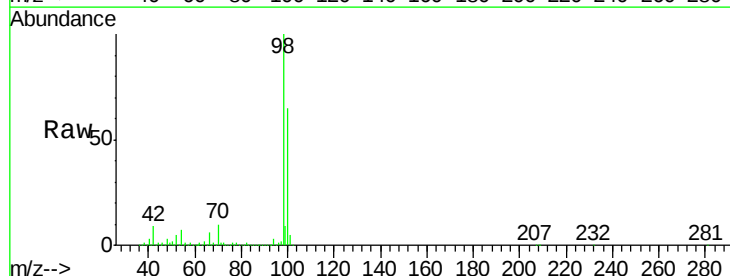
Manual Integrations
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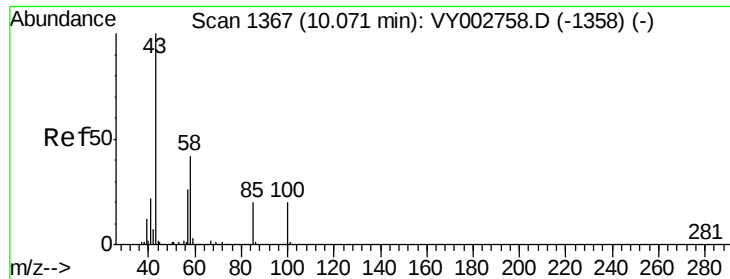
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#50
Toluene-d8
Concen: 150.843 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion	98	Resp	1572244
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 850.547 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1606804

Ion Ratio Lower Upper

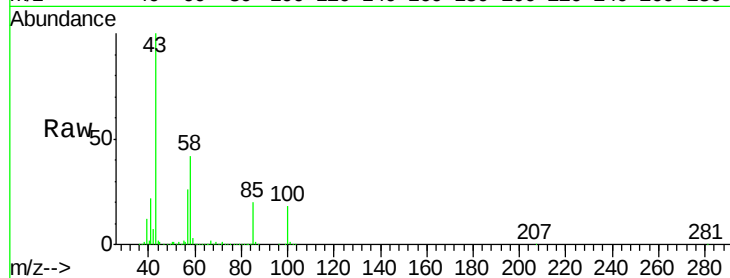
43 100

58 42.4 34.2 51.2

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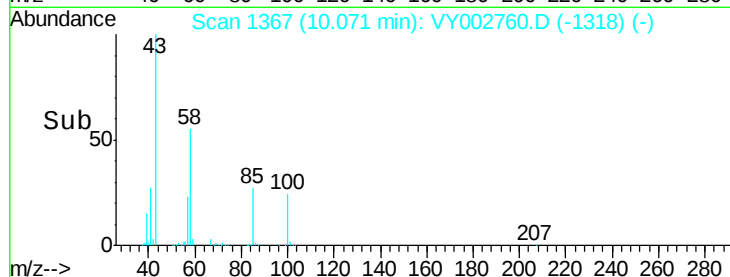


Abundance Ion 43.00 (42.70 to 43.70): VY002760.D (-1318) (-)

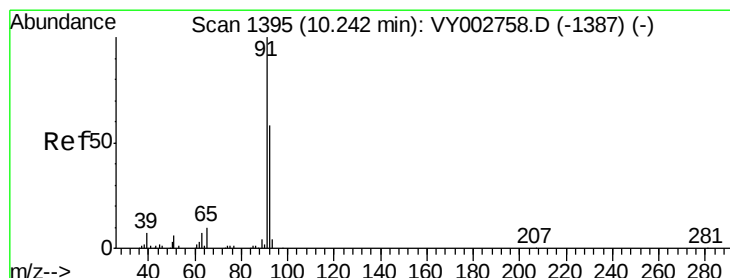
Ion 58.00 (57.70 to 58.70): VY002760.D (-1318) (-)

10.07

10.10



Time-->



#52

Toluene

Concen: 146.243 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002760.D

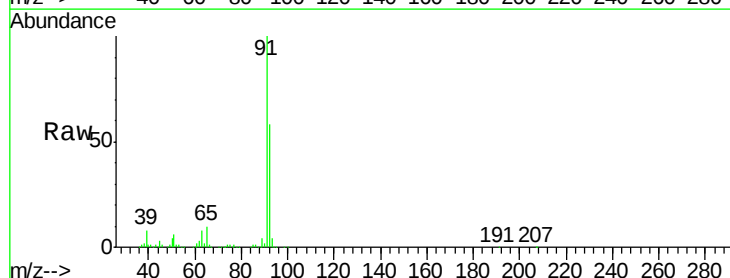
Acq: 27 May 2020 13:00

Tgt Ion: 92 Resp: 1088032

Ion Ratio Lower Upper

92 100

91 173.0 138.5 207.7

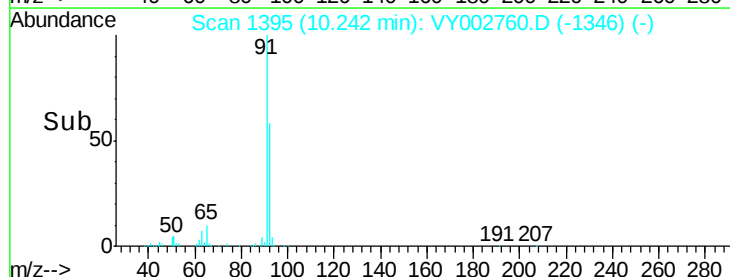


Abundance Ion 92.00 (91.70 to 92.70): VY002760.D (-1346) (-)

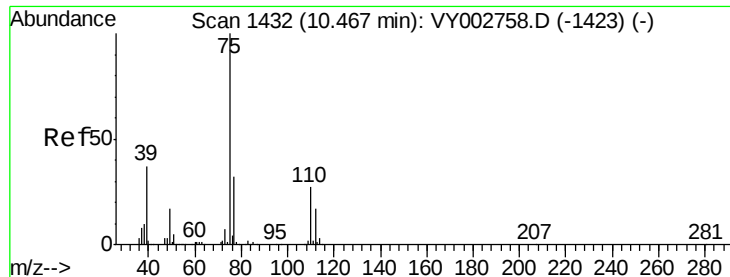
Ion 91.00 (90.70 to 91.70): VY002760.D (-1346) (-)

10.24

10.30



Time-->



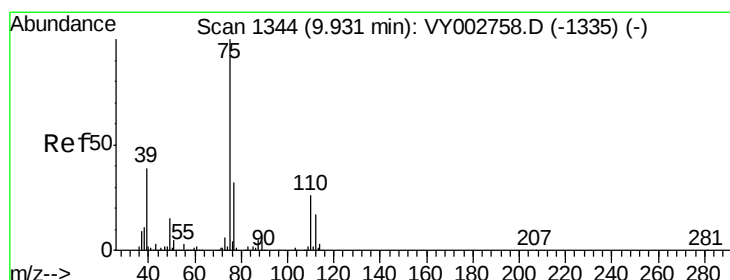
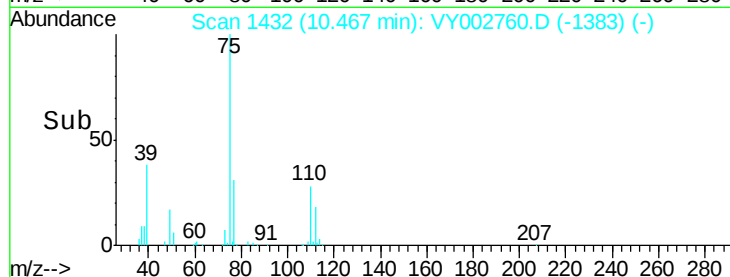
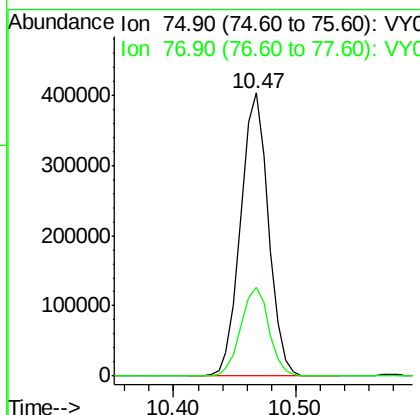
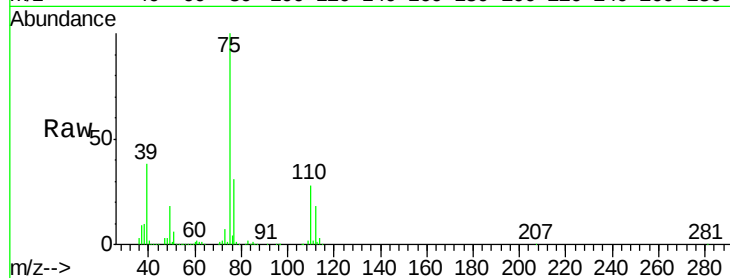
#53
t-1,3-Dichloropropene
Concen: 157.734 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.3	37.9

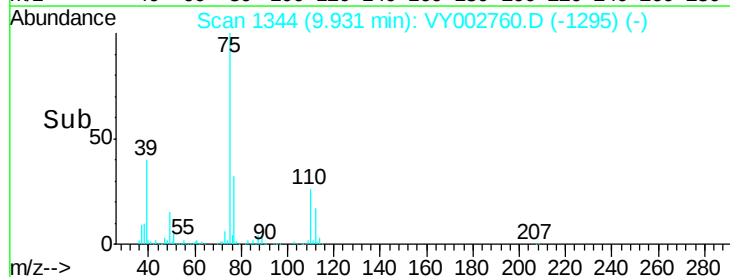
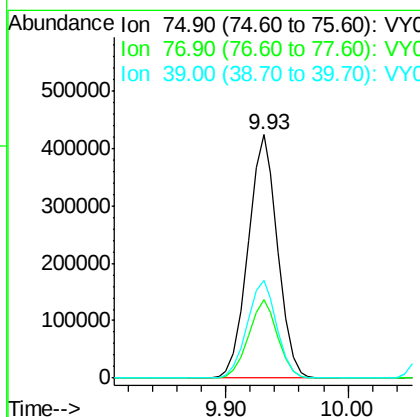
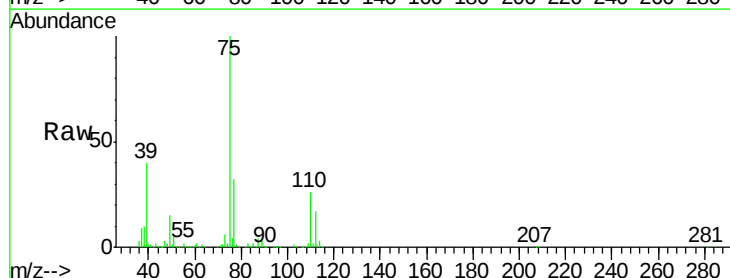
Manual Integrations
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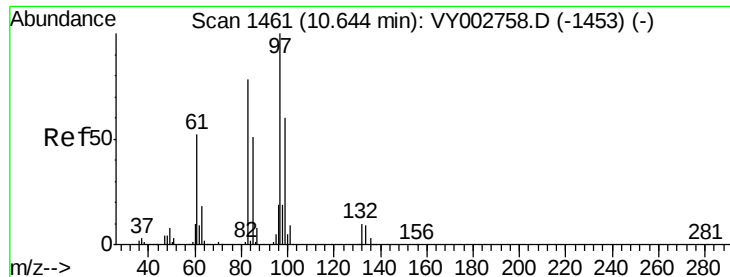
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#54
cis-1,3-Dichloropropene
Concen: 152.341 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.6	38.4
39	40.2	31.3	46.9





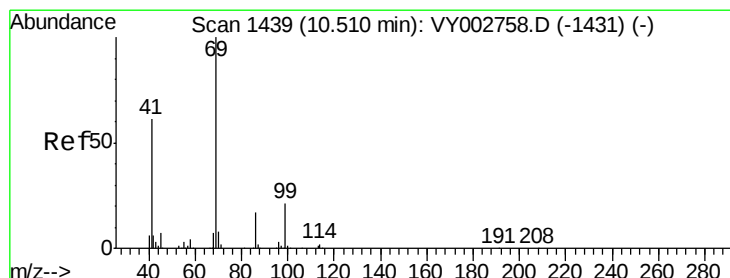
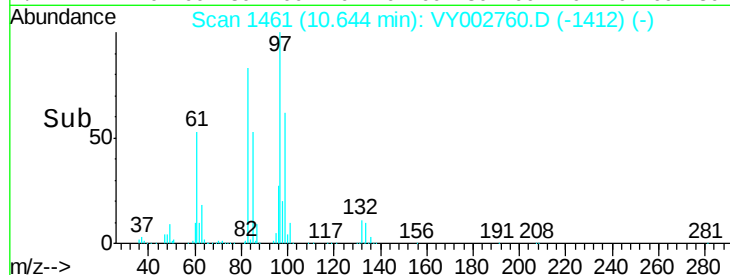
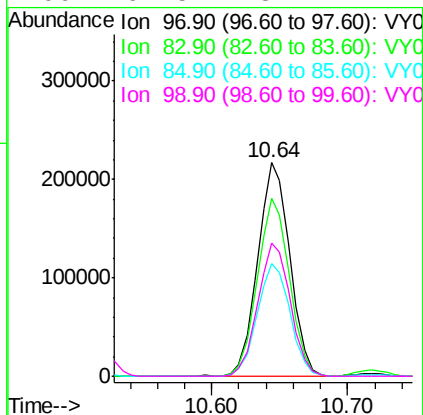
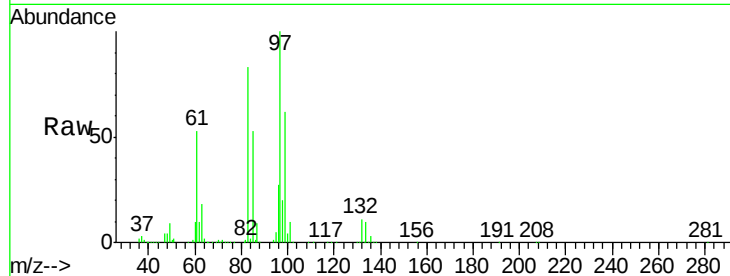
#55
 1,1,2-Trichloroethane
 Concen: 156.183 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	361437
Ion	Ratio	Lower	Upper
97	100		
83	83.2	62.7	94.1
85	52.8	40.6	60.8
99	62.5	48.2	72.4

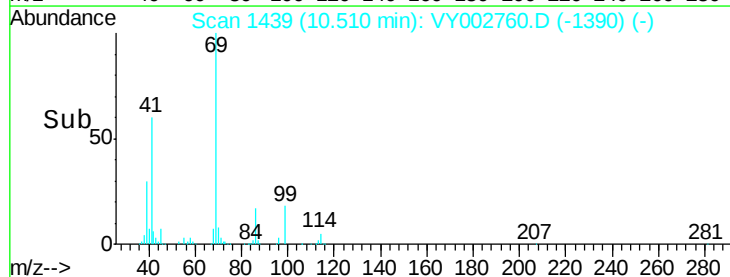
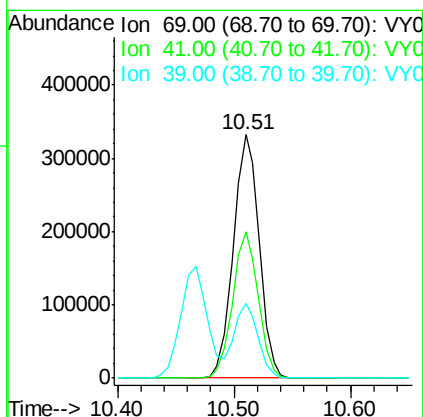
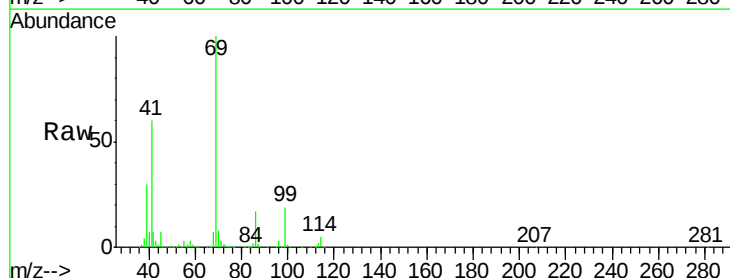
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#56
 Ethyl methacrylate
 Concen: 167.062 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Tgt Ion:	69	Resp:	512936
Ion	Ratio	Lower	Upper
69	100		
41	59.1	47.0	70.4
39	28.0	22.0	33.0





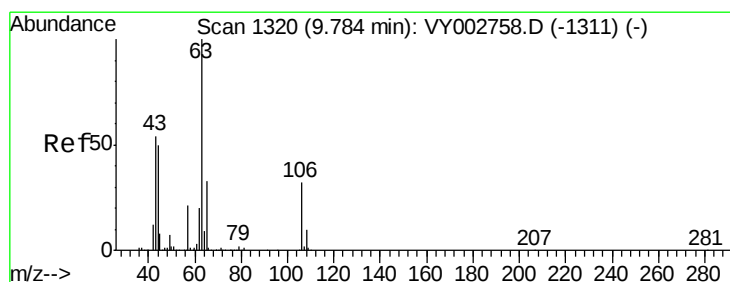
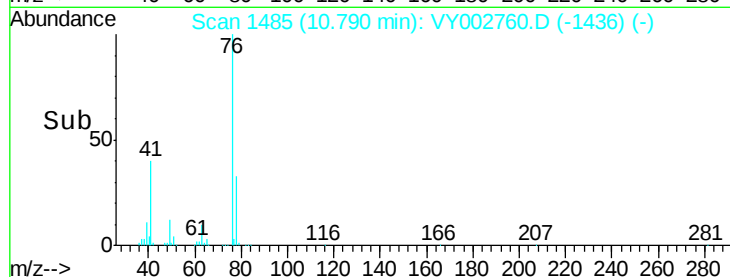
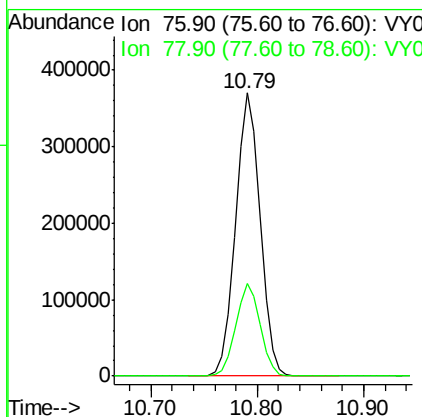
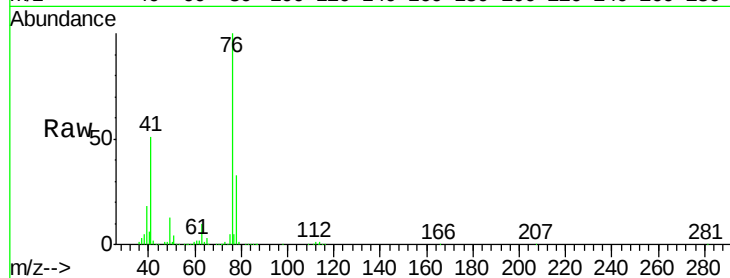
#57
 1,3-Dichloropropane
 Concen: 155.725 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.1	39.1

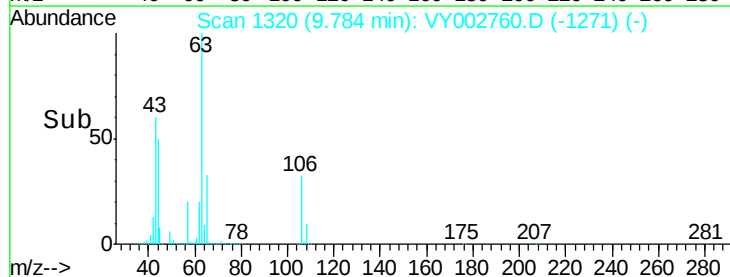
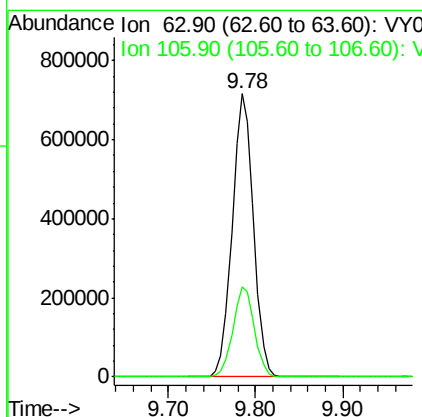
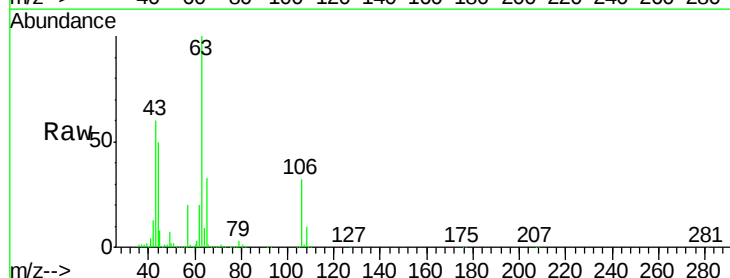
Manual Integrations
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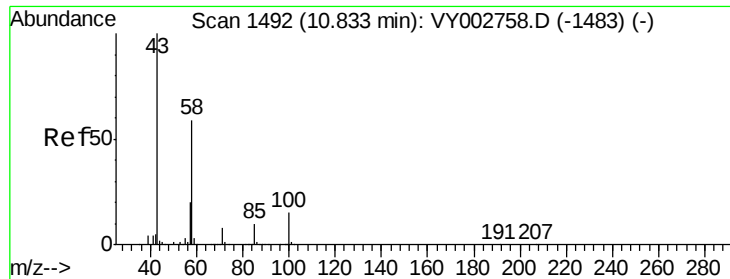
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#58
 2-Chloroethyl Vinyl ether
 Concen: 800.675 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.0	25.4	38.2





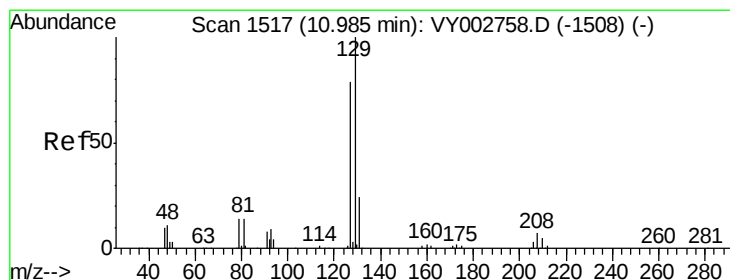
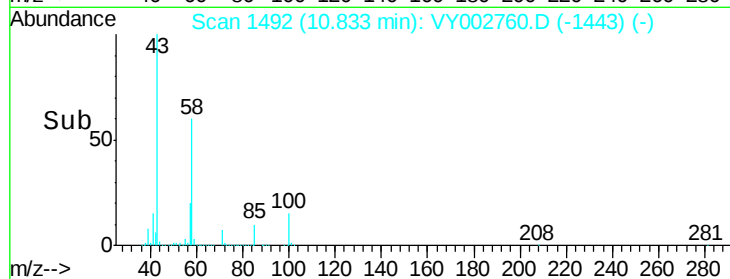
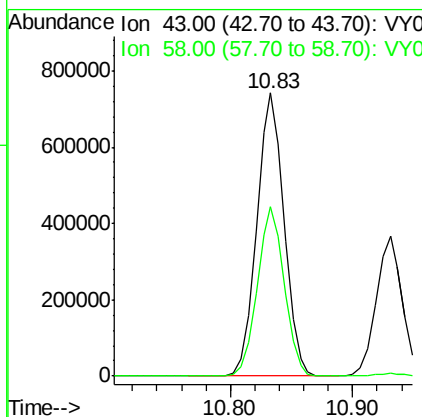
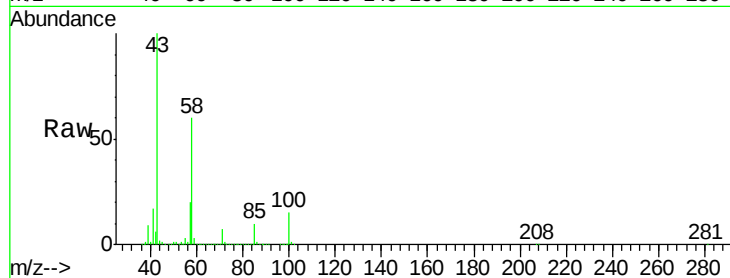
#59
2-Hexanone
Concen: 868.320 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1149111
Ion Ratio Lower Upper
43 100
58 59.2 29.5 88.5

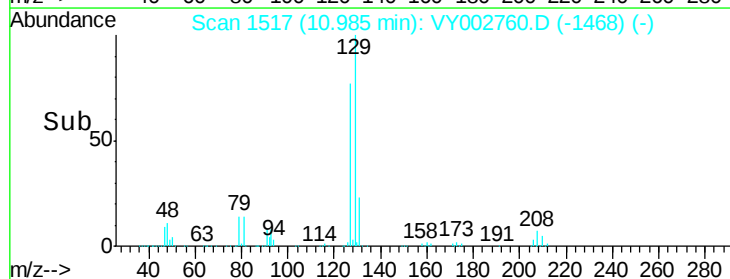
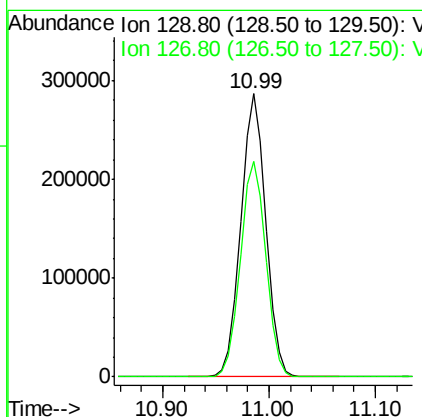
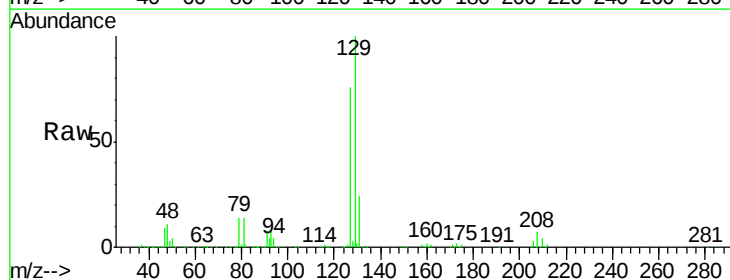
Manual Integrations
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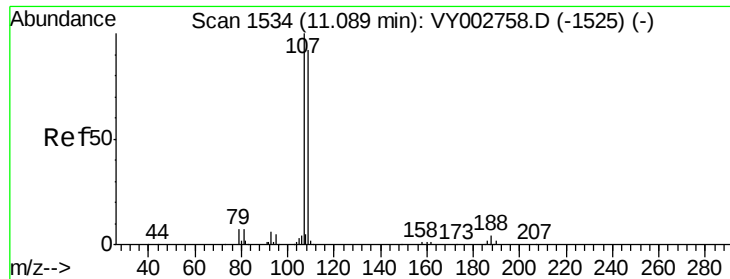
MMDadoda
5/28/2020 2:08:42 PM



#60
Dibromochloromethane
Concen: 159.927 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion: 129 Resp: 470430
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.3





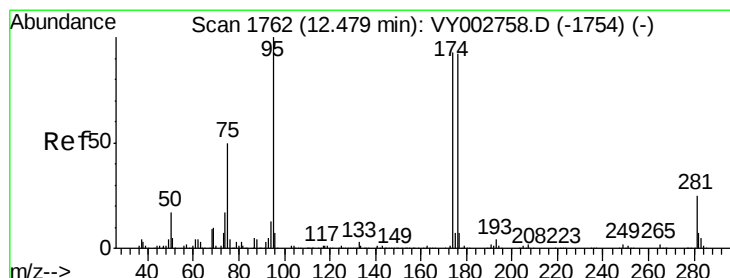
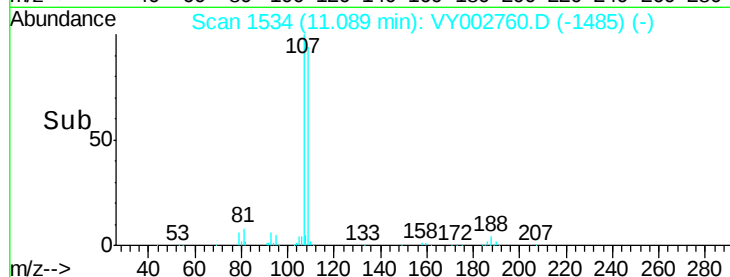
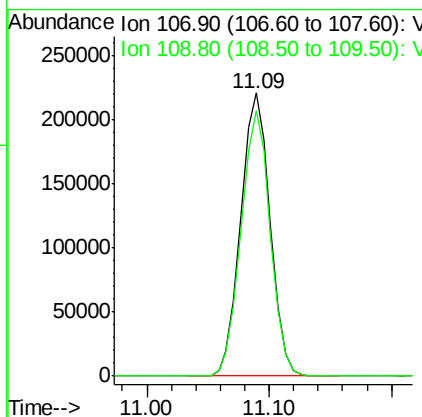
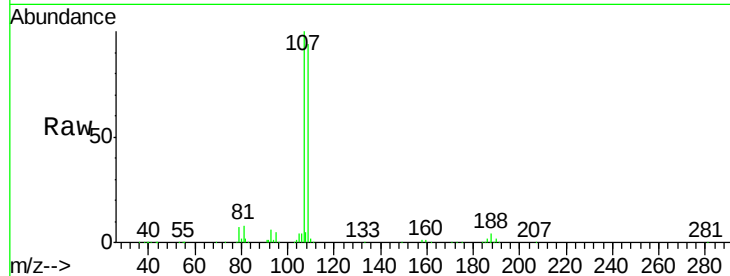
#61
 1,2-Dibromoethane
 Concen: 160.747 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.6	113.4

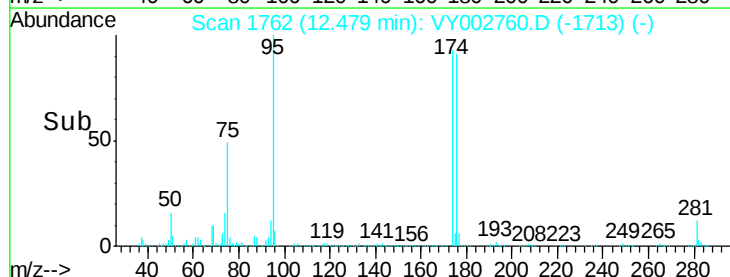
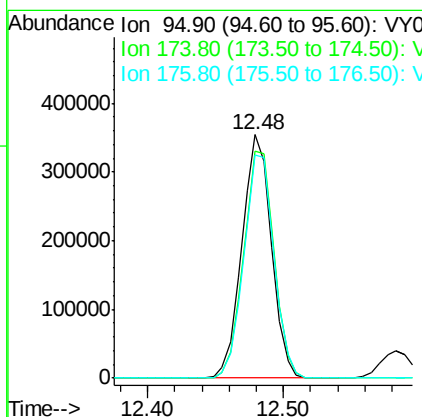
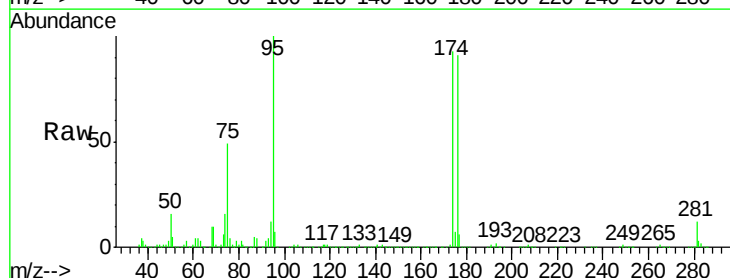
Manual Integrations
 APPROVED

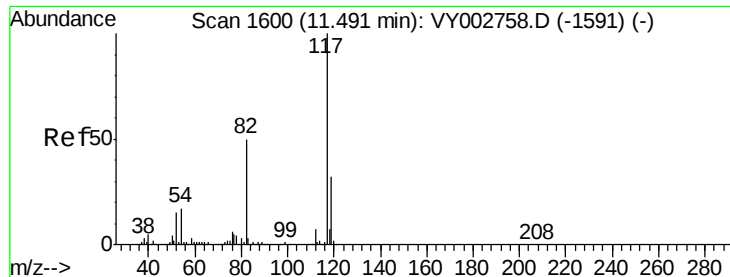
MMDadoda
 5/28/2020 2:08:42 PM



#62
 4-Bromofluorobenzene
 Concen: 148.933 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.4	0.0	191.2
176	94.1	0.0	188.8





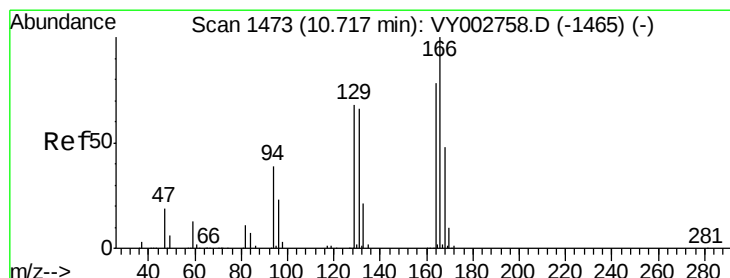
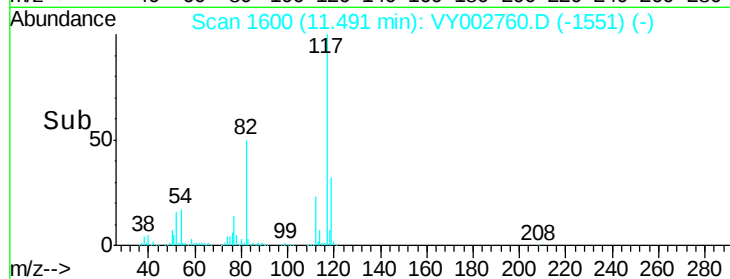
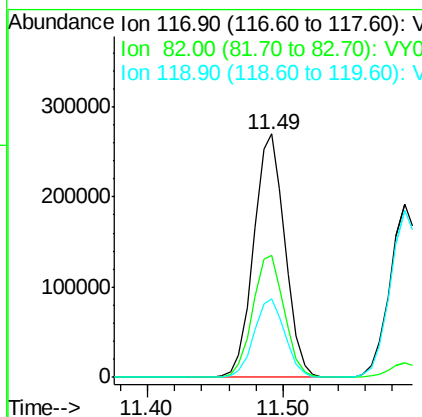
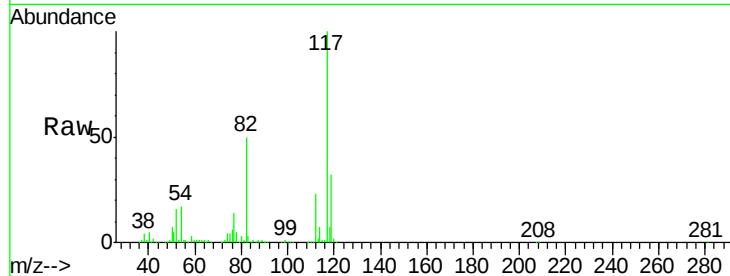
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	433187		
82	50.1		40.2	60.4
119	32.2		25.8	38.8

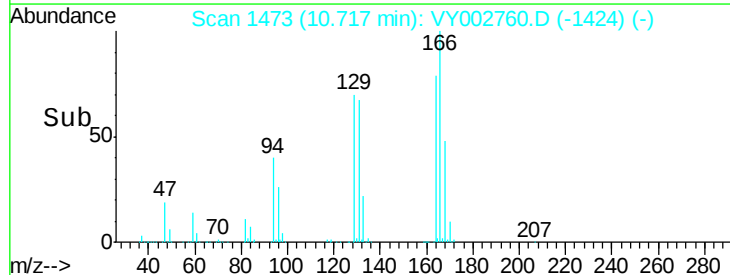
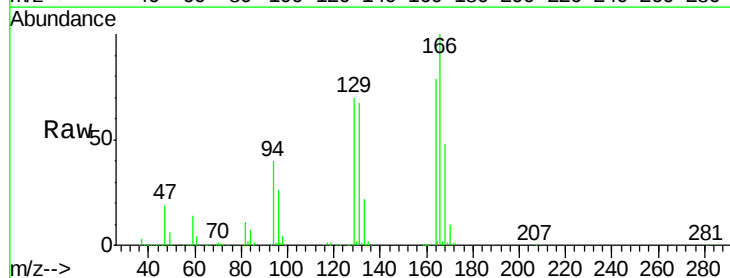
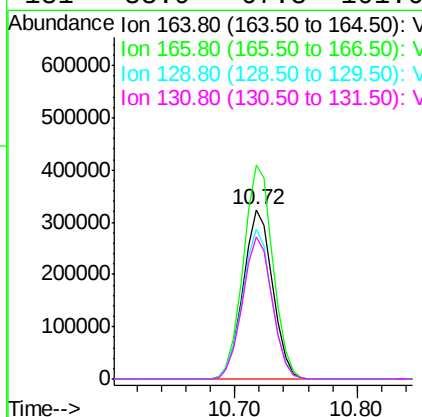
Manual Integrations
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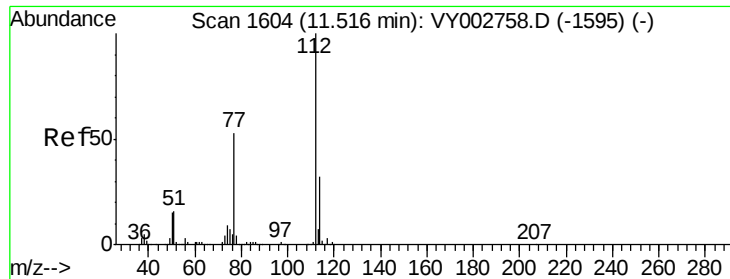
MMDadoda
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#64
Tetrachloroethene
Concen: 132.920 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	540150		
166	126.0		102.3	153.5
129	88.5		69.4	104.2
131	83.9		67.8	101.6





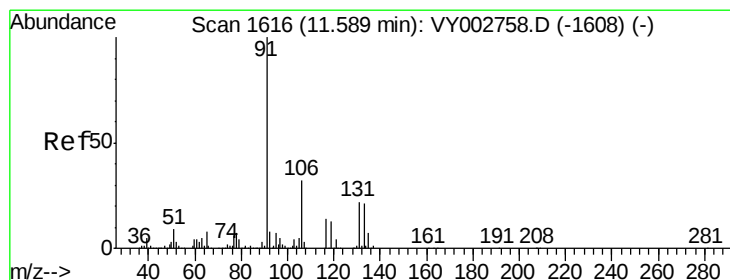
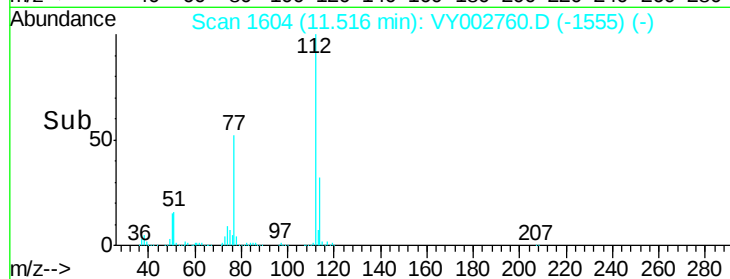
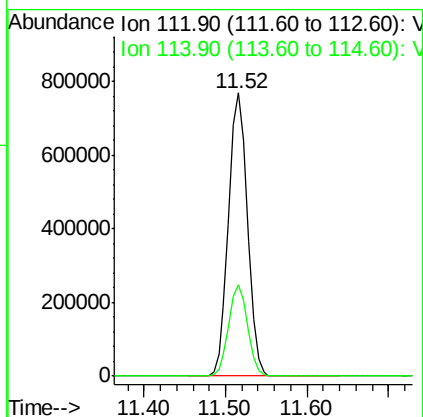
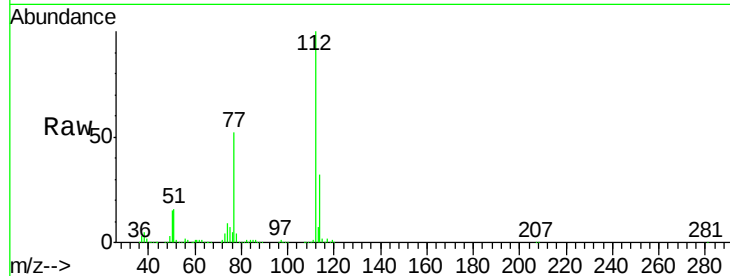
#65
Chlorobenzene
Concen: 146.042 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1221879
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

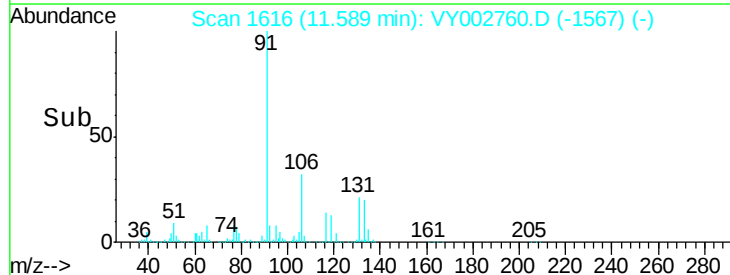
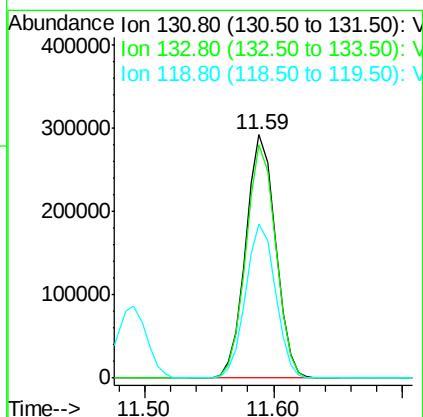
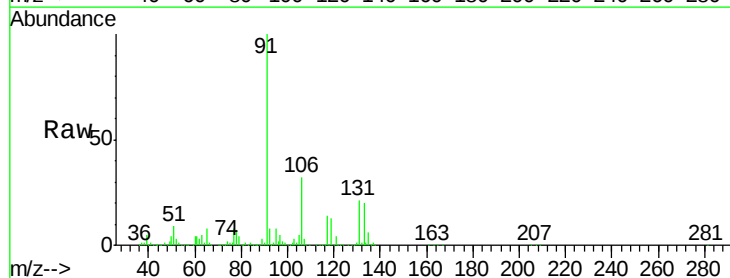
Manual Integrations
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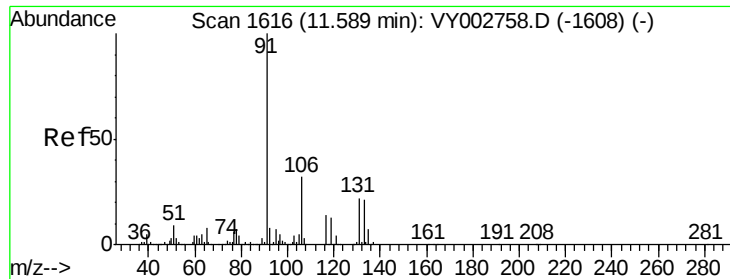
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 149.272 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion:131 Resp: 465260
Ion Ratio Lower Upper
131 100
133 95.8 47.6 142.8
119 63.4 31.7 95.1





#67

Ethyl Benzene

Concen: 144.764 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2121377

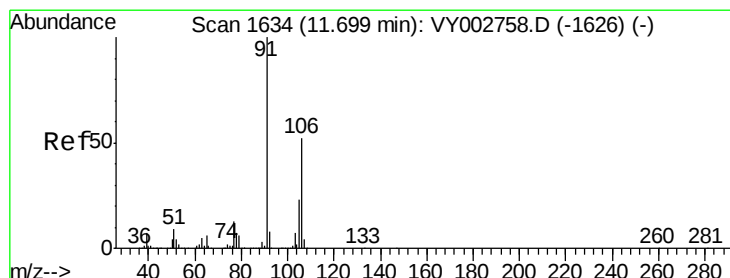
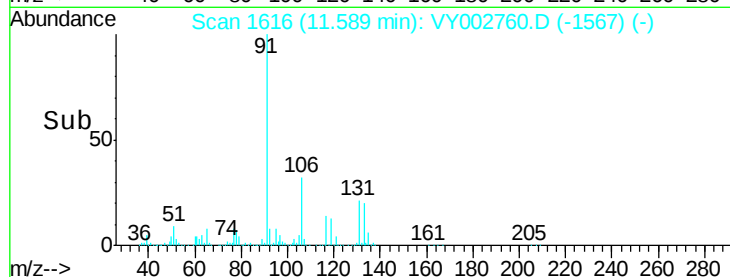
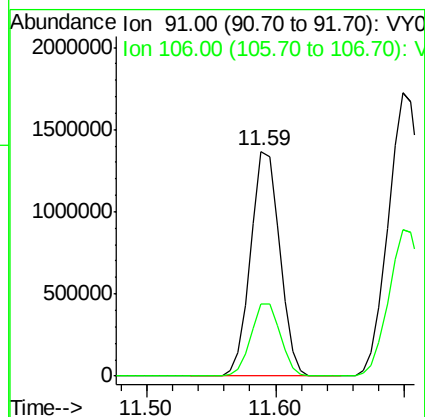
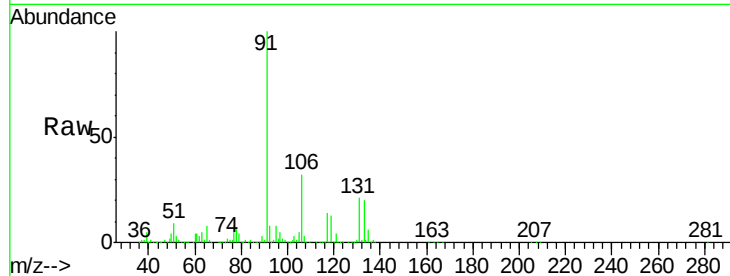
Ion Ratio Lower Upper

91 100

106 32.2 25.7 38.5

Manual Integrations
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#68

m/p-Xylenes

Concen: 289.673 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002760.D

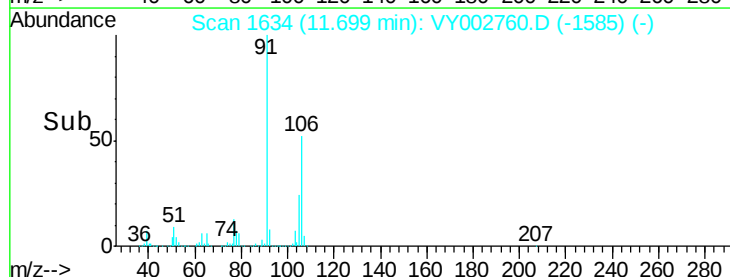
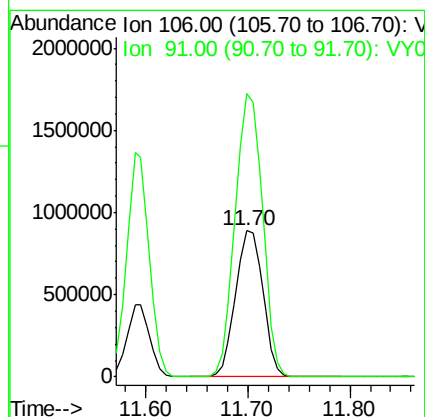
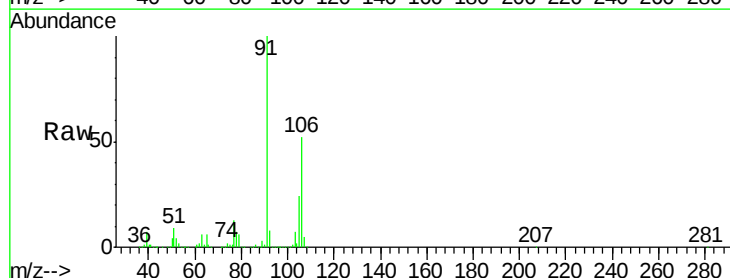
Acq: 27 May 2020 13:00

Tgt Ion: 106 Resp: 1651851

Ion Ratio Lower Upper

106 100

91 193.7 156.0 234.0





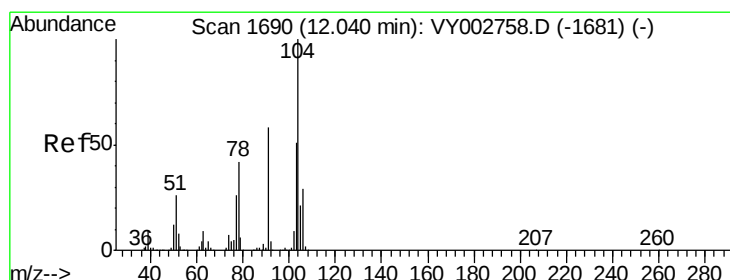
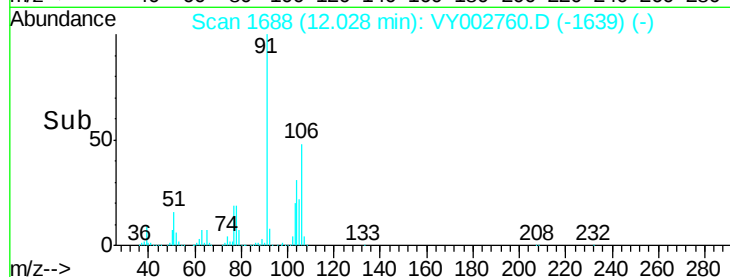
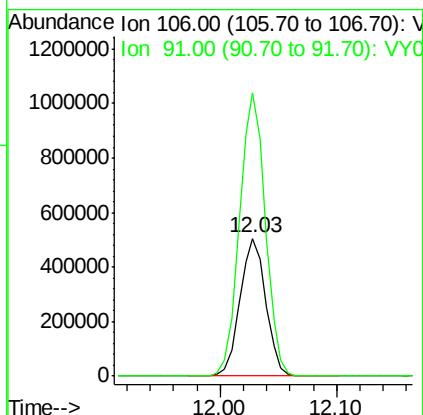
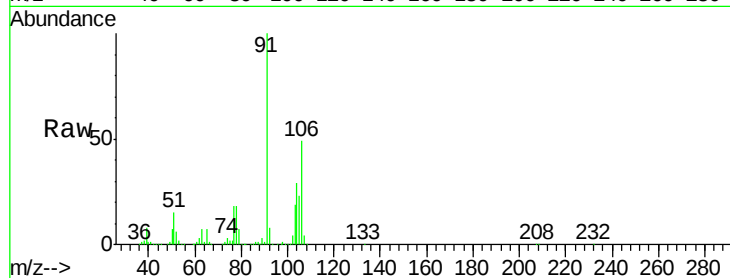
#69
o-Xylene
Concen: 145.696 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tot Ion	Ion	Ratio	Lower	Upper
781027	106	100		
	91	205.3	102.4	307.1

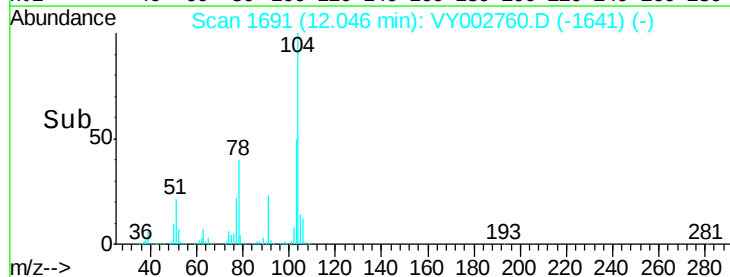
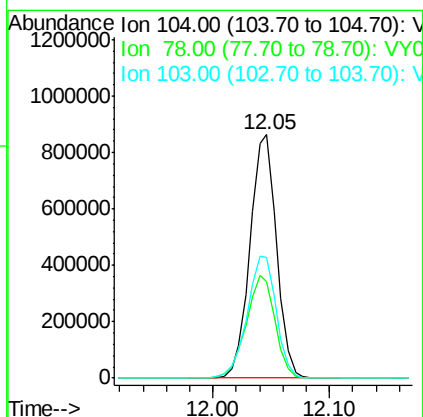
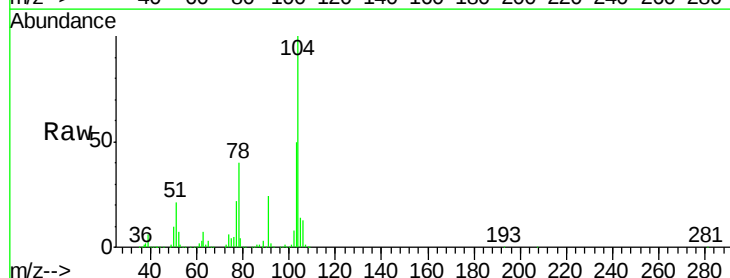
Manual Integrations
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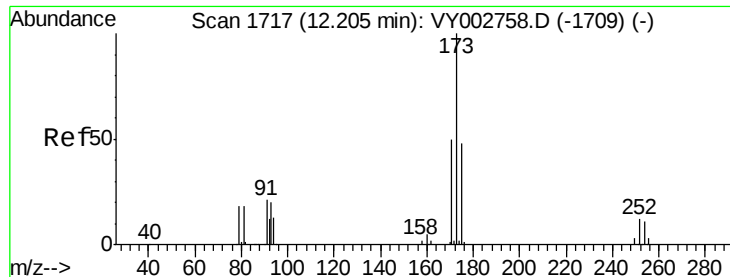
MMDadoda
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#70
Styrene
Concen: 148.354 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion	Ion	Ratio	Lower	Upper
1367353	104	100		
	78	45.8	36.2	54.4
	103	54.8	43.6	65.4





#71

Bromoform

Concen: 164.673 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

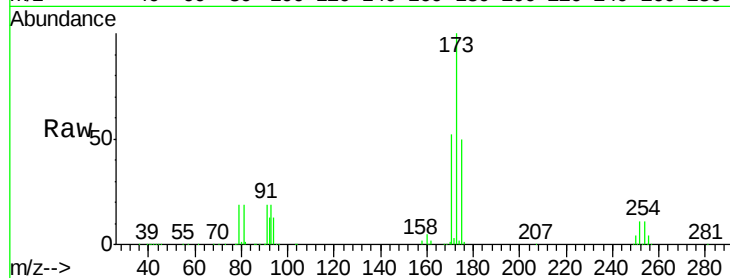
ClientSampleId :

VSTDIC150

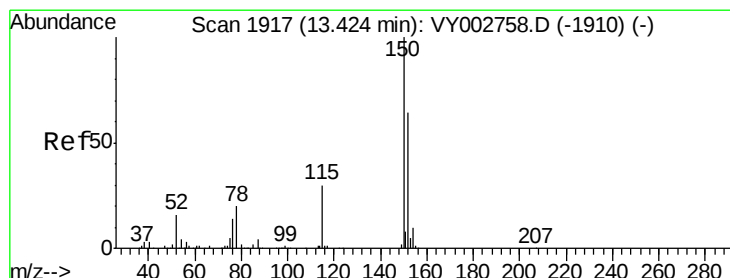
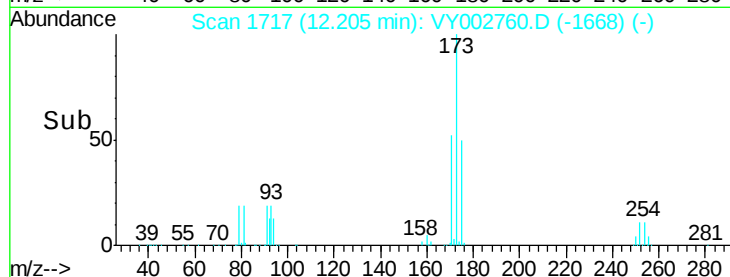
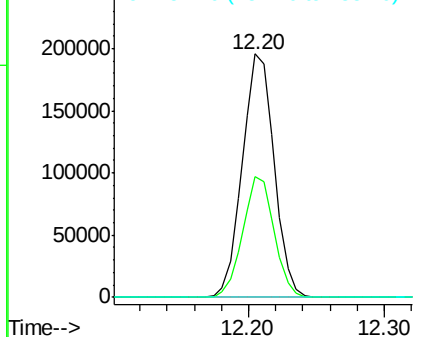
Tot Ion	Ratio	Resp	Lower	Upper
173	100	320100		
175	49.0	24.3	72.8	
254	0.1	0.1	0.1#	

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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

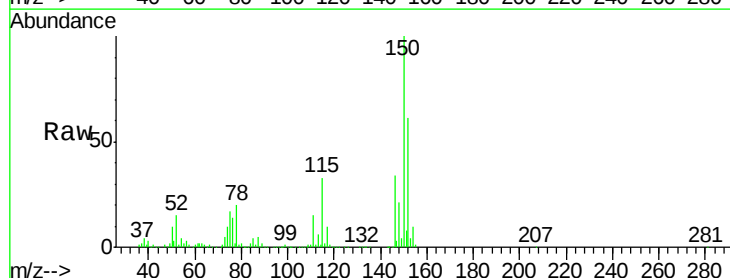
RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

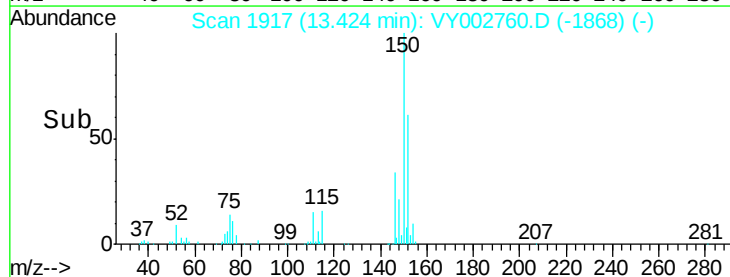
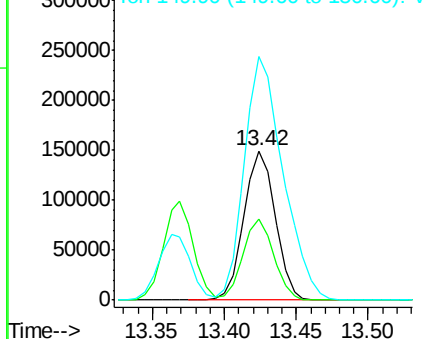
Lab File: VY002760.D

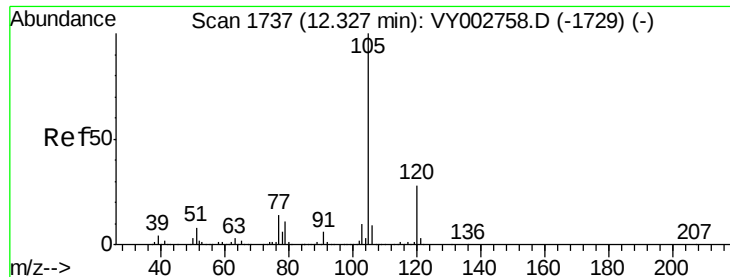
Acq: 27 May 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	224776		
115	53.4	27.0	81.0	
150	202.3	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





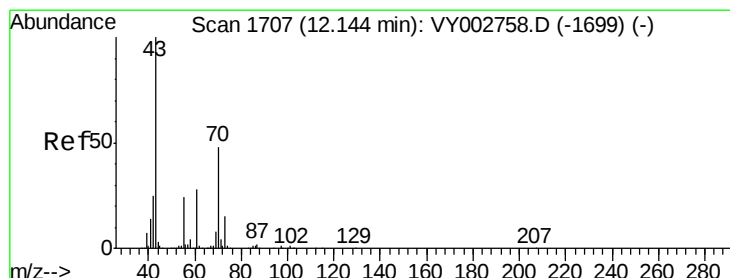
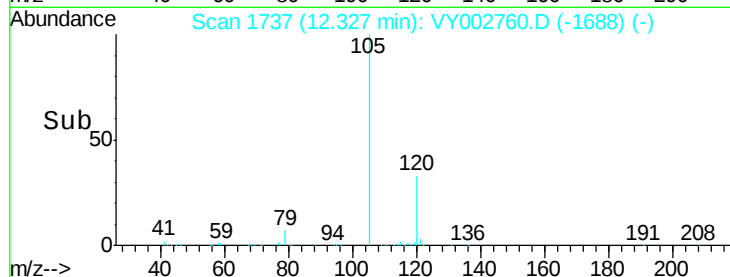
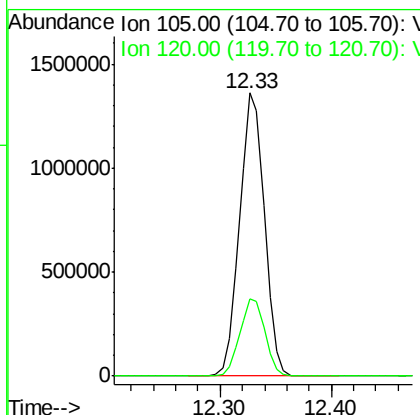
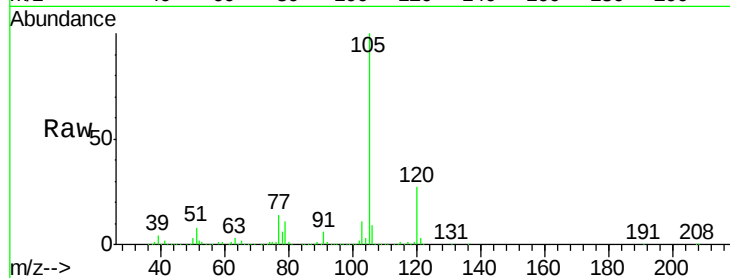
#73
Isopropylbenzene
Concen: 143.729 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:105 Resp: 2096916
Ion Ratio Lower Upper
105 100
120 27.6 13.7 41.1

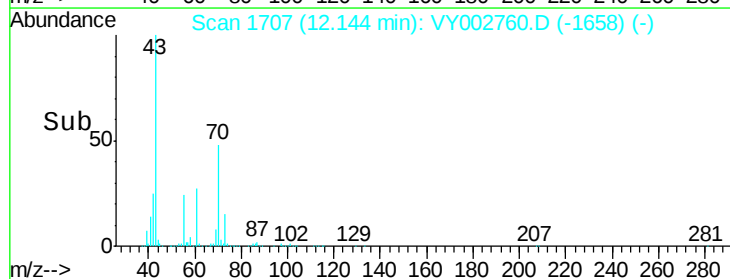
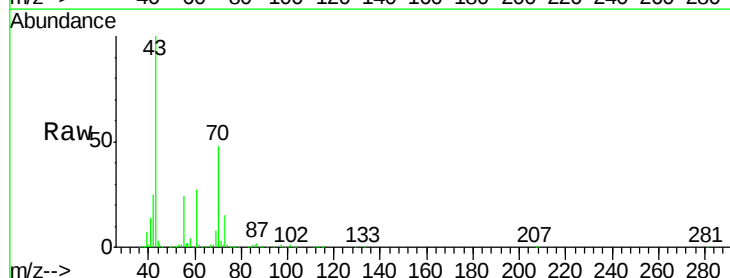
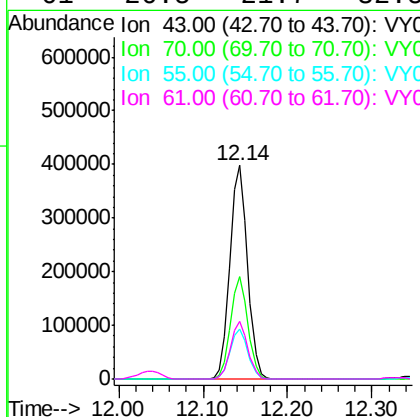
Manual Integrations
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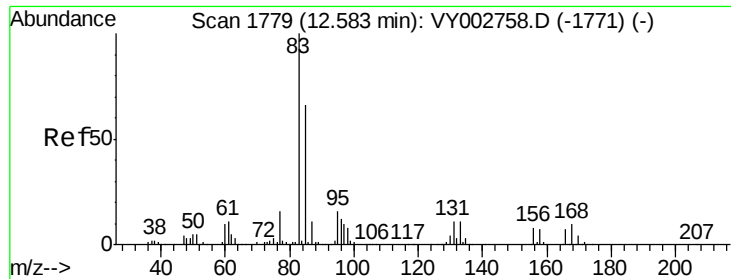
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#74
N-ethyl acetate
Concen: 163.897 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion: 43 Resp: 568983
Ion Ratio Lower Upper
43 100
70 47.2 37.7 56.5
55 23.8 19.8 29.6
61 26.5 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 172.881 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

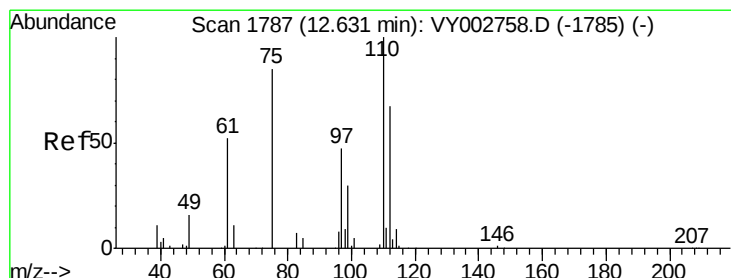
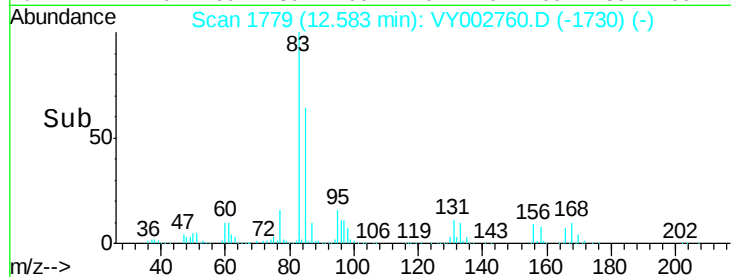
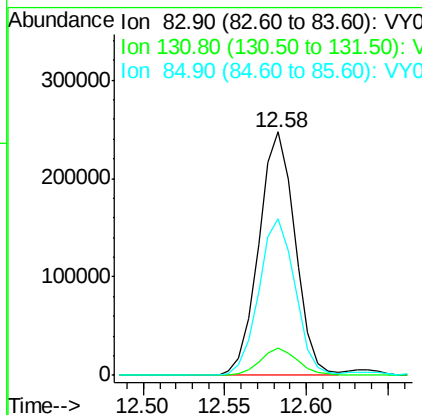
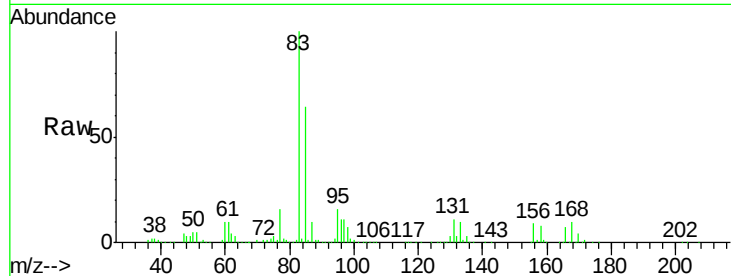
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	382920
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.8	17.4
85	64.4	32.6	98.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 160.414 ug/l m

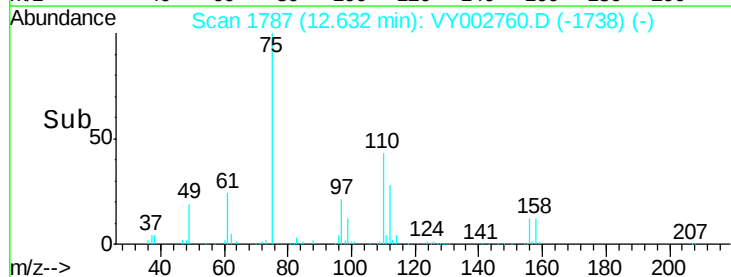
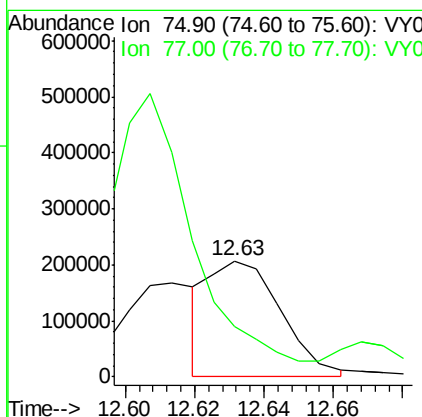
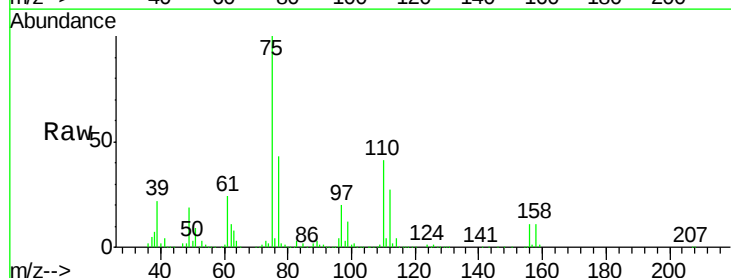
RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Tgt Ion:	75	Resp:	298321
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 148.083 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

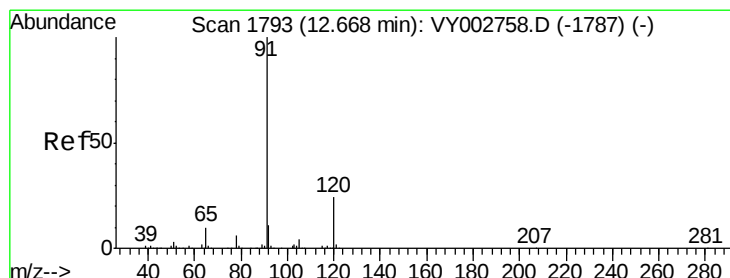
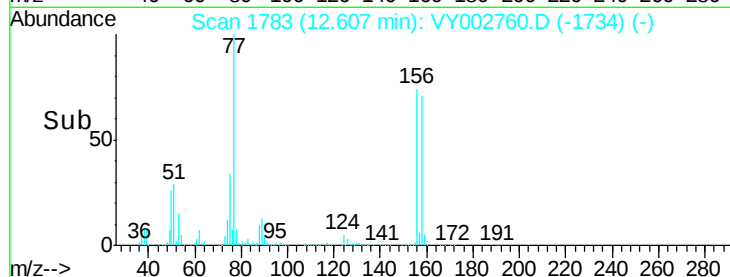
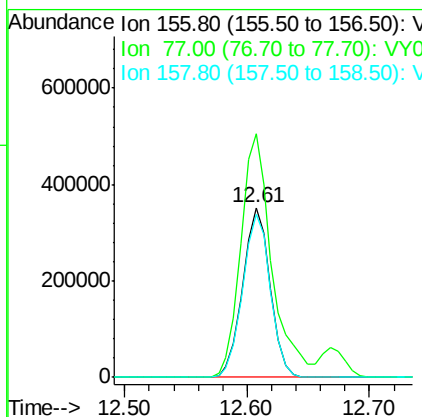
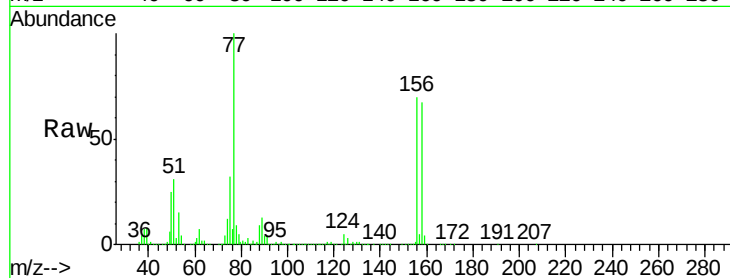
ClientSampleId :

VSTDICC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	162.7	81.4	244.2
158	97.1	48.5	145.6

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#78

n-propylbenzene

Concen: 141.344 ug/l

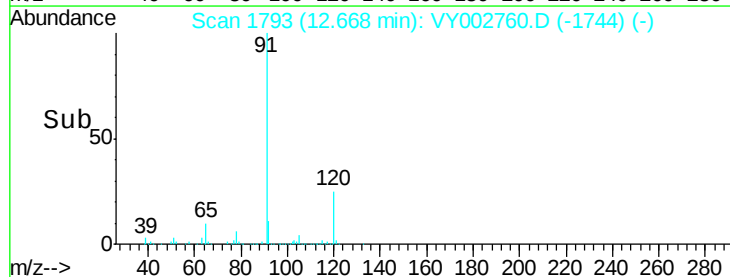
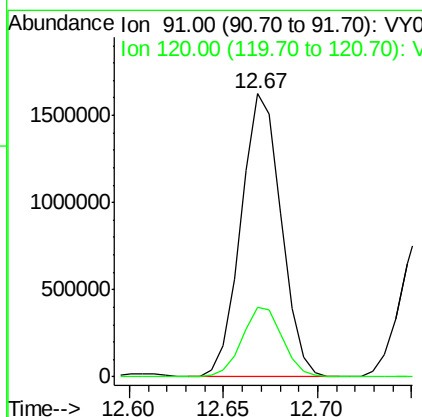
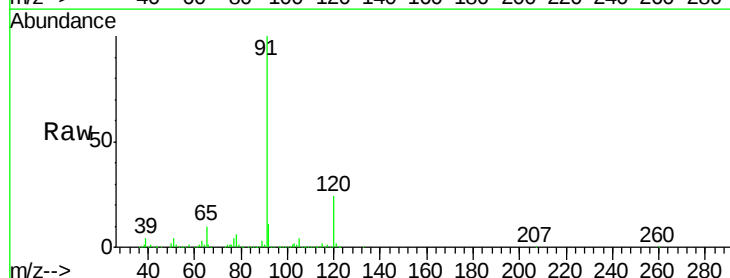
RT: 12.67 min Scan# 1793

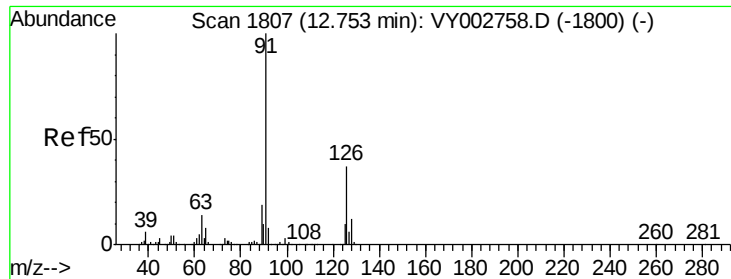
Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.3	36.9





#79

2-Chlorotoluene

Concen: 144.241 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1359246

Ion Ratio Lower Upper

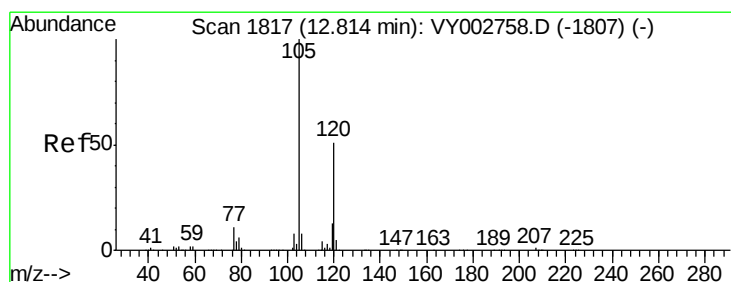
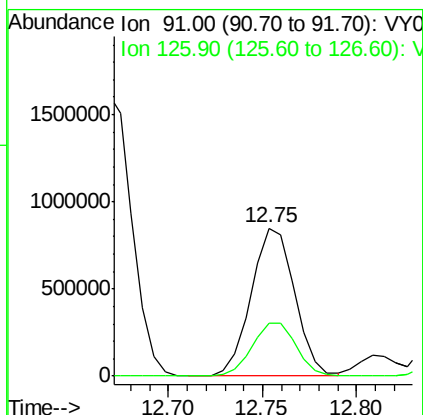
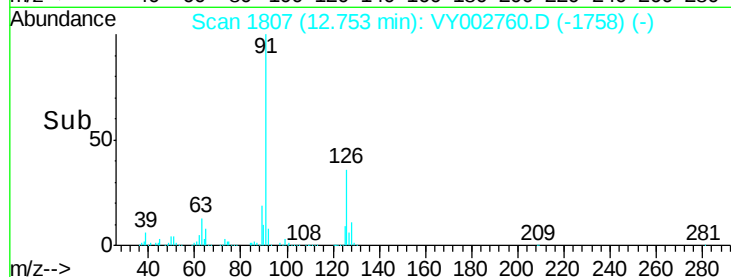
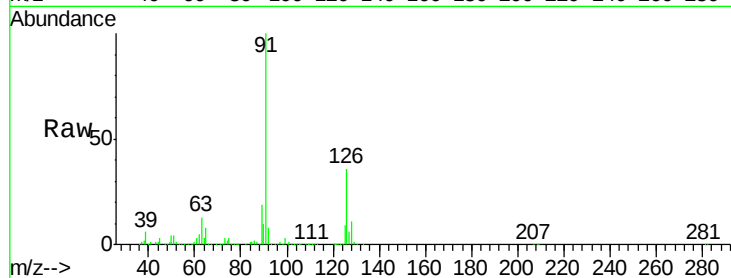
91 100

126 36.7 18.4 55.4

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#80

1,3,5-Trimethylbenzene

Concen: 140.892 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY002760.D

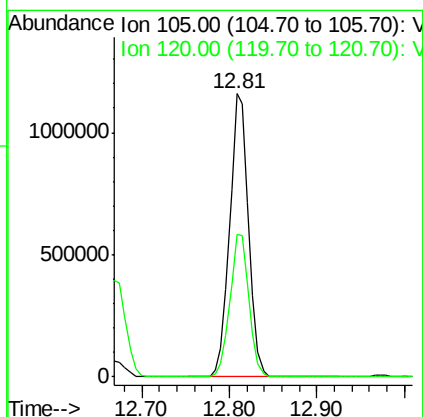
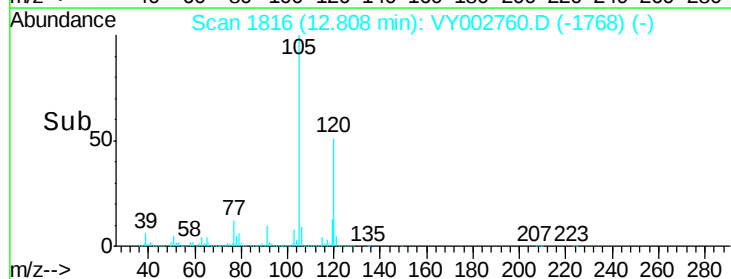
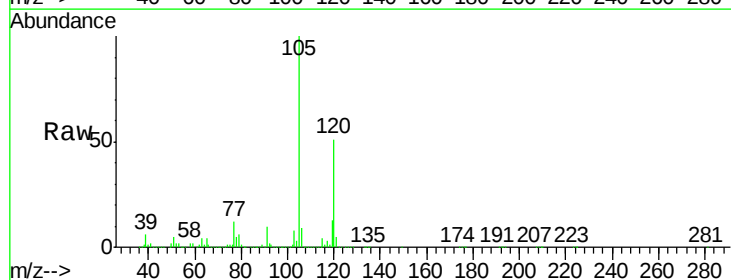
Acq: 27 May 2020 13:00

Tgt Ion: 105 Resp: 1727371

Ion Ratio Lower Upper

105 100

120 51.2 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 165.190 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

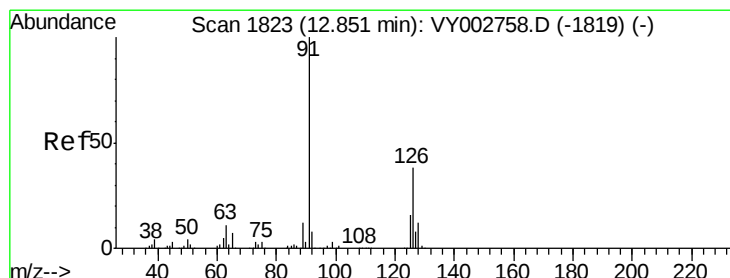
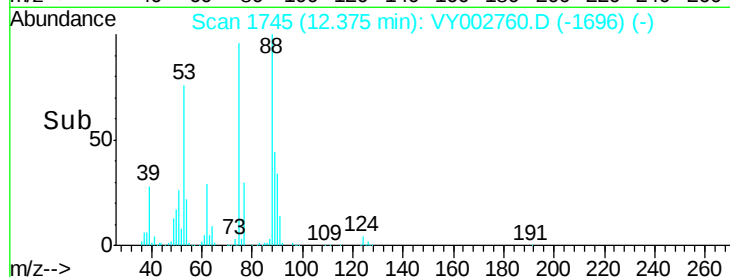
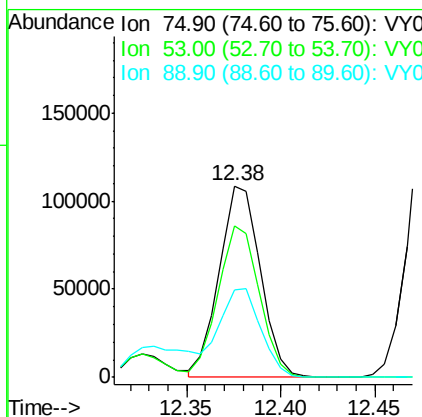
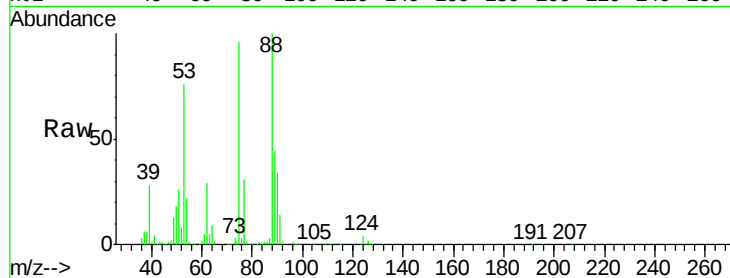
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	163841
Ion	Ratio	Lower	Upper
75	100		
53	79.4	64.0	96.0
89	46.9	37.4	56.2

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#82

4-Chlorotoluene

Concen: 142.593 ug/l

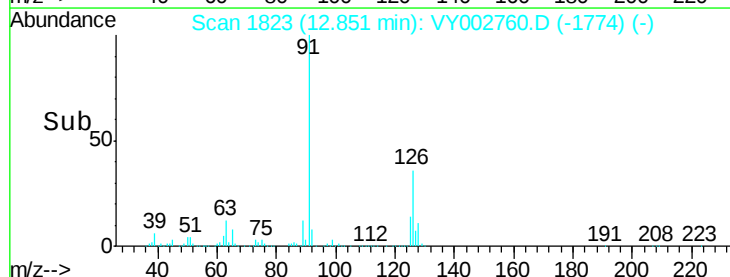
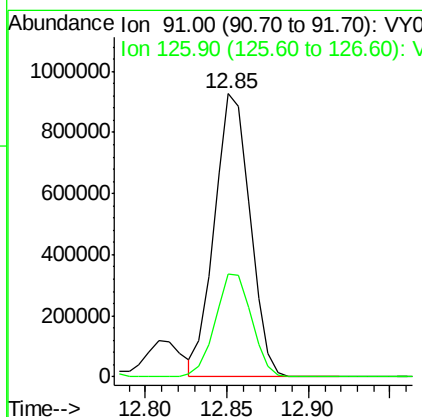
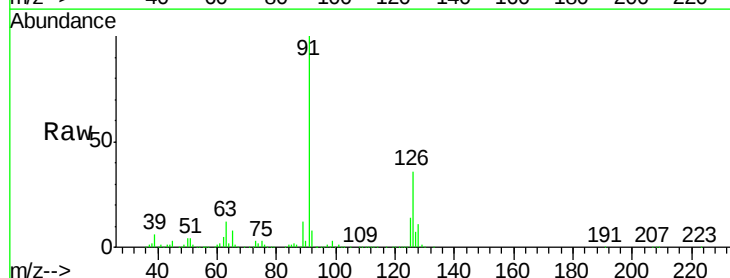
RT: 12.85 min Scan# 1823

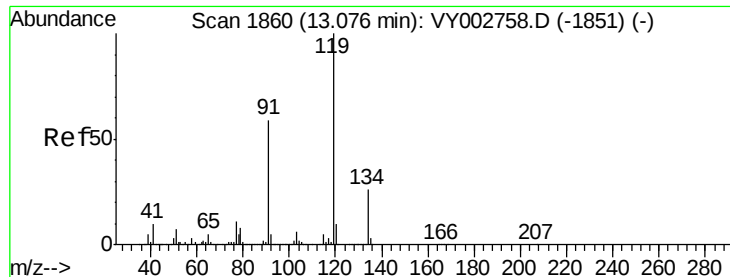
Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Tgt Ion:	91	Resp:	1411897
Ion	Ratio	Lower	Upper
91	100		
126	37.1	18.5	55.5





#83

tert-Butylbenzene

Concen: 141.412 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:119 Resp: 1538504

Ion Ratio Lower Upper

119 100

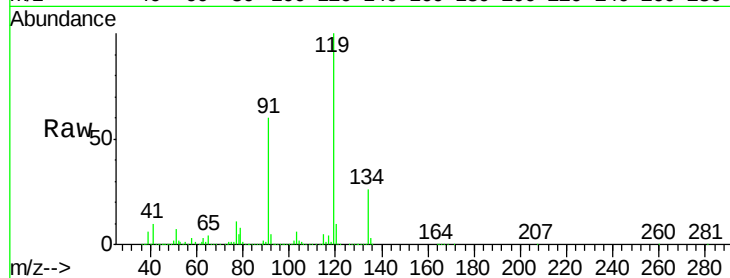
91 60.1 29.8 89.4

134 26.8 13.3 39.8

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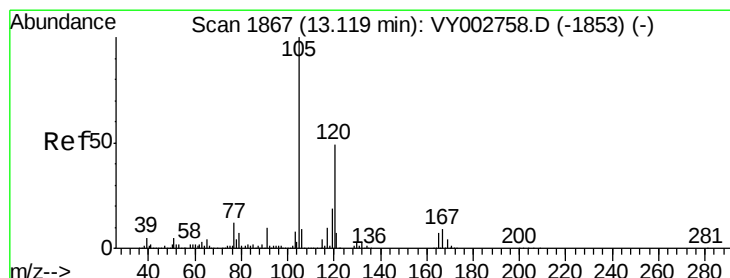
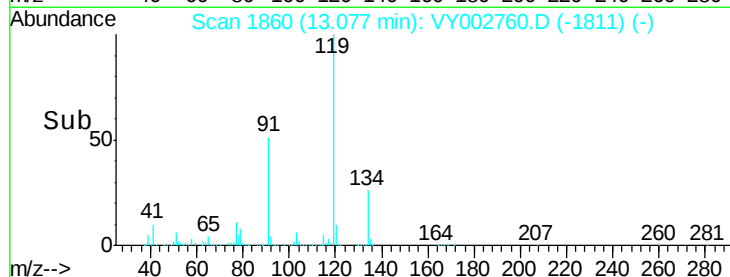
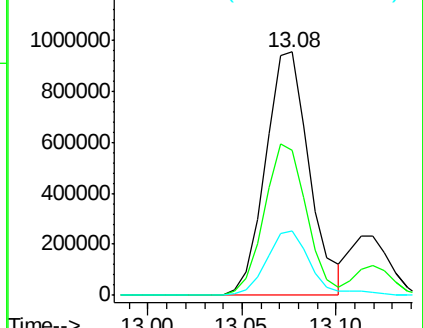
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 141.483 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002760.D

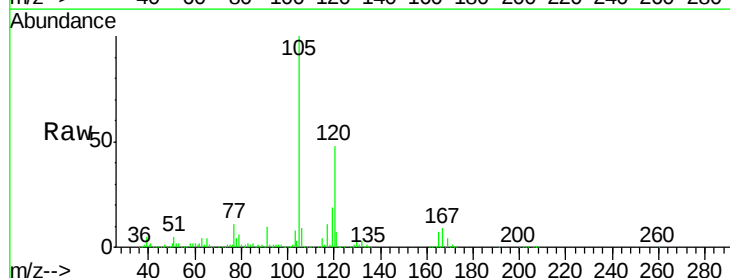
Acq: 27 May 2020 13:00

Tgt Ion:105 Resp: 1736402

Ion Ratio Lower Upper

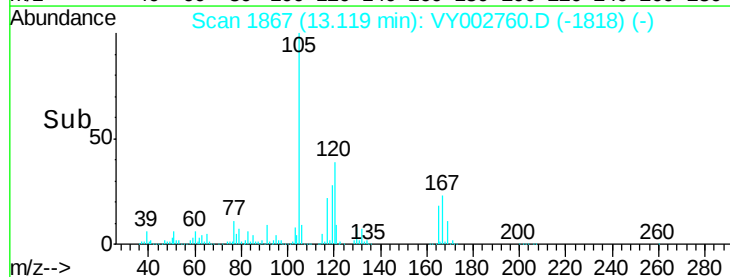
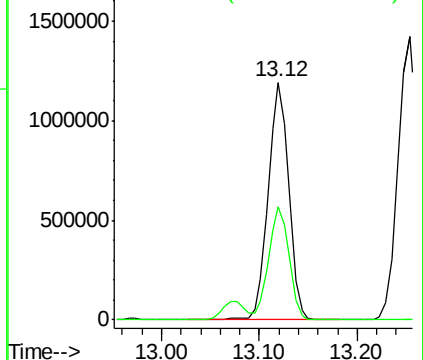
105 100

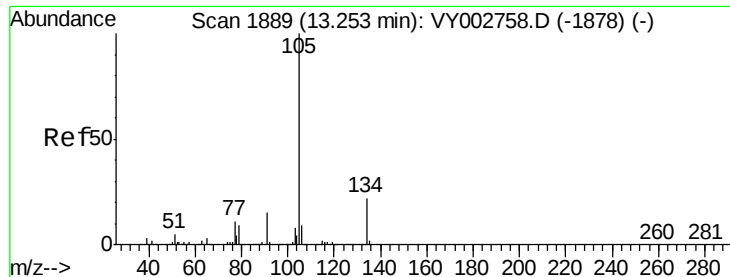
120 46.9 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 138.290 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2070981

Ion Ratio Lower Upper

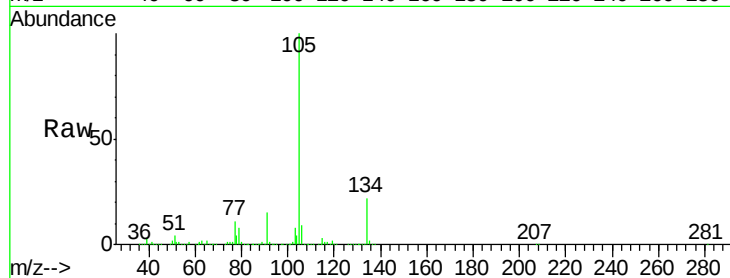
105 100

134 21.6 10.8 32.4

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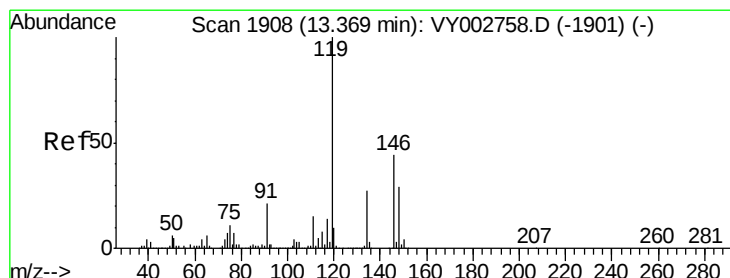
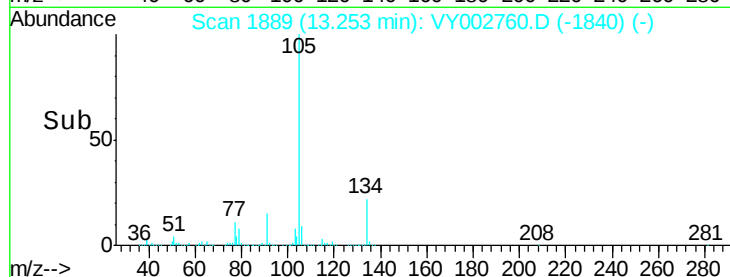
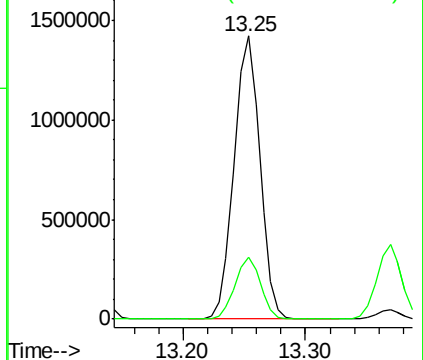
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 139.026 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

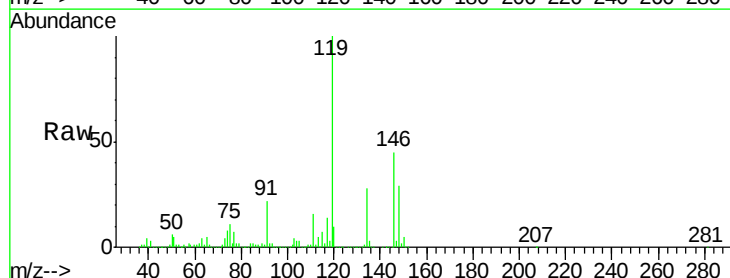
Tgt Ion:119 Resp: 1946292

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.0

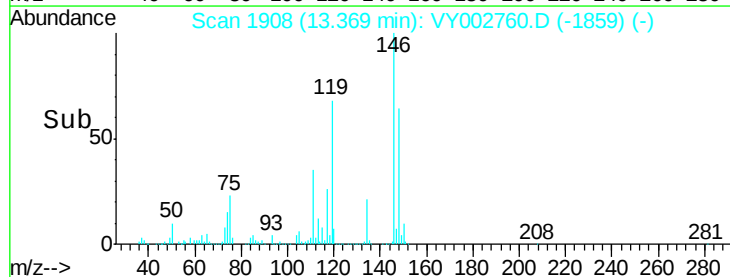
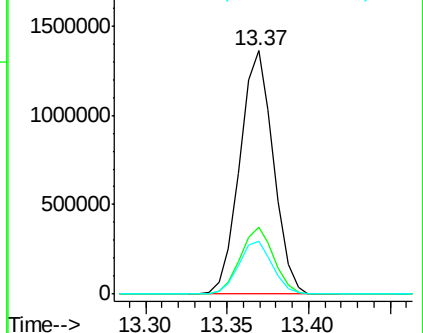
91 21.9 10.8 32.4

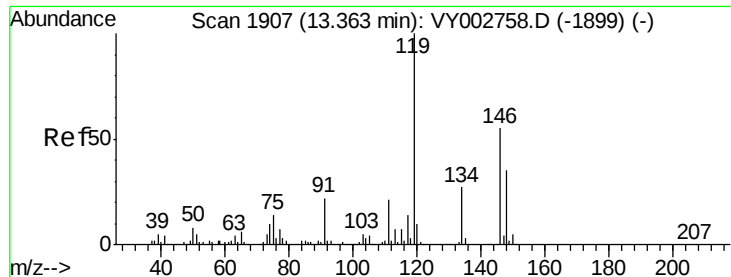


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





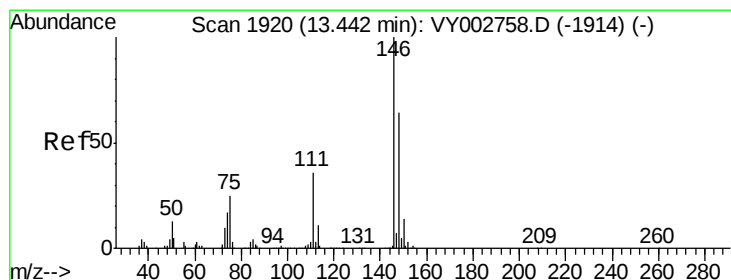
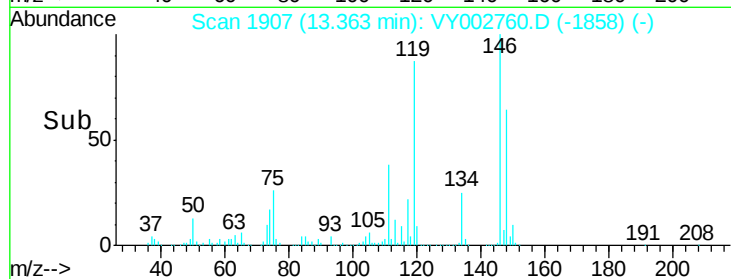
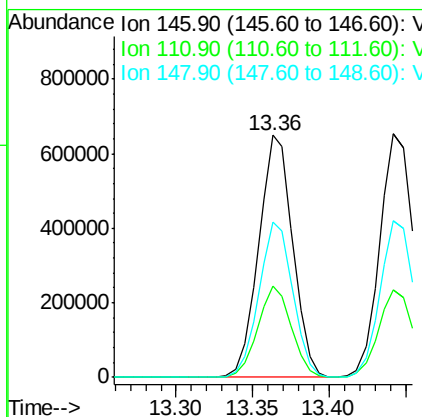
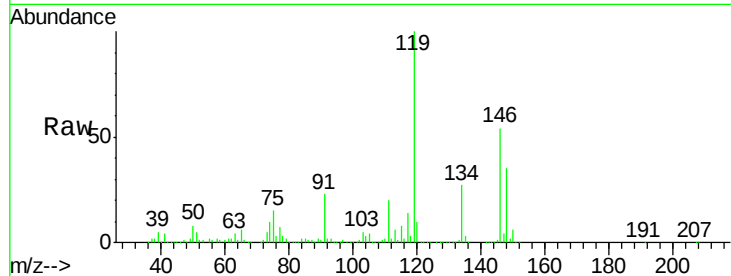
#87
 1,3-Dichlorobenzene
 Concen: 142.641 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 1009270
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.4 55.0
 148 63.8 31.9 95.7

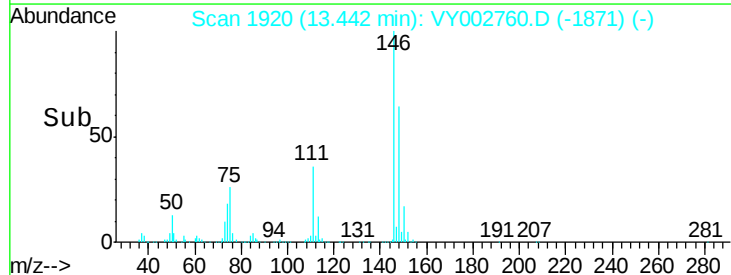
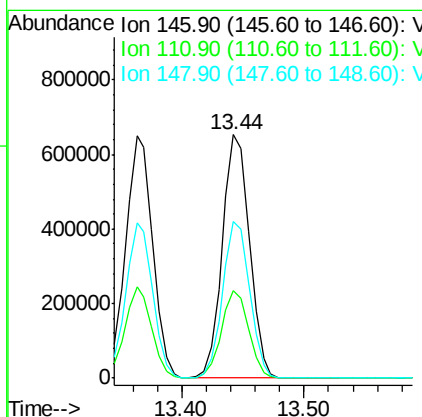
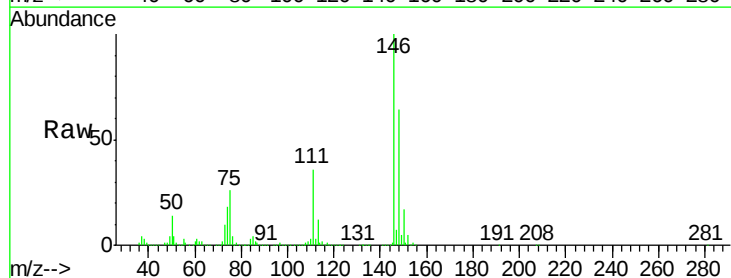
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#88
 1,4-Dichlorobenzene
 Concen: 142.539 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Tgt Ion:146 Resp: 1004015
 Ion Ratio Lower Upper
 146 100
 111 35.6 18.1 54.3
 148 64.1 32.1 96.3





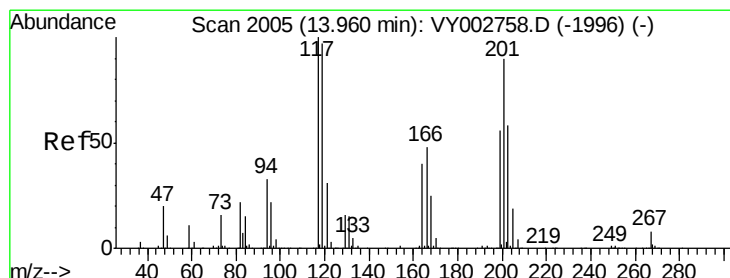
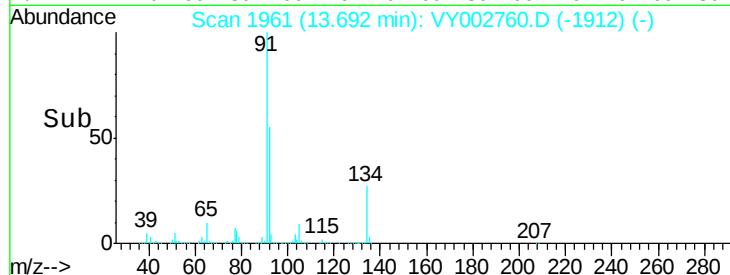
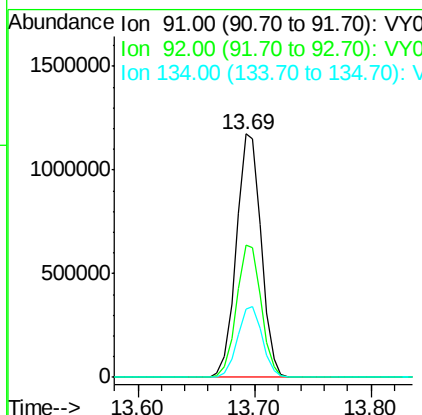
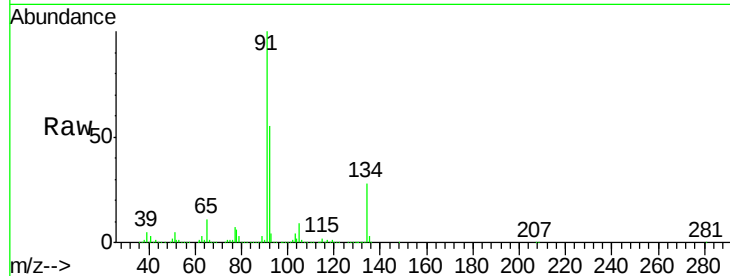
#89
n-Butylbenzene
Concen: 135.211 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.1	81.2
134	28.8	14.3	42.9

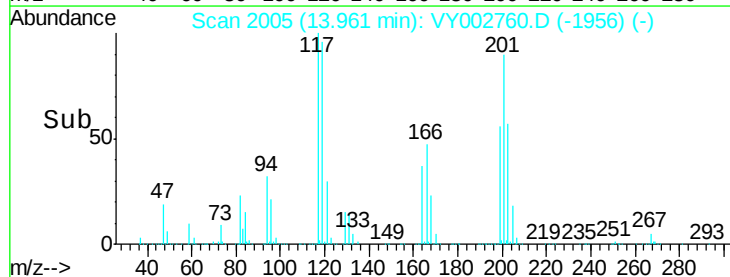
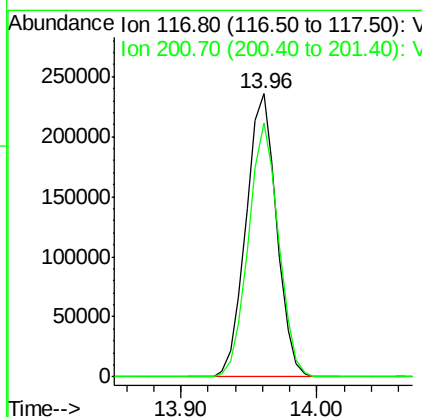
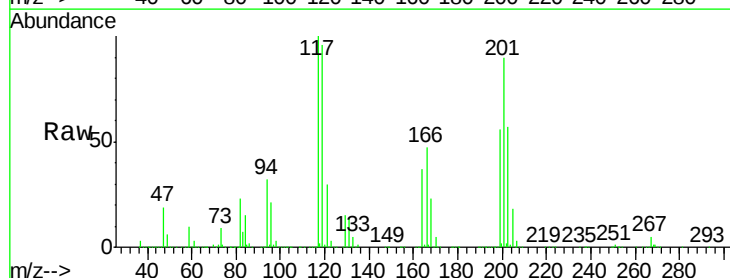
Manual Integrations
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#90
Hexachloroethane
Concen: 142.948 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.6	43.9	131.6





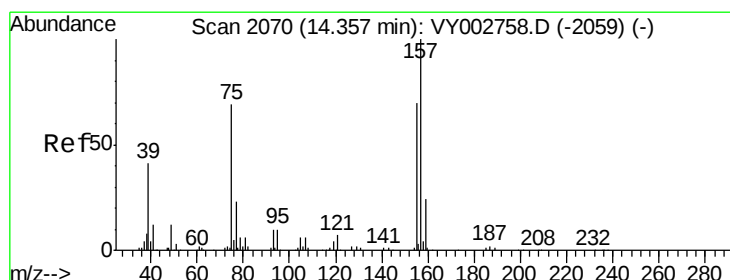
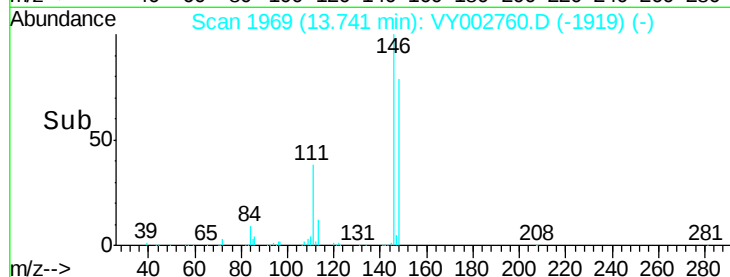
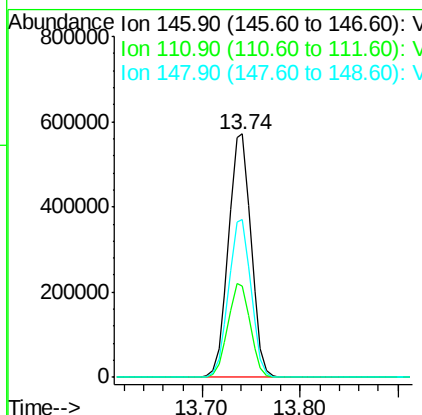
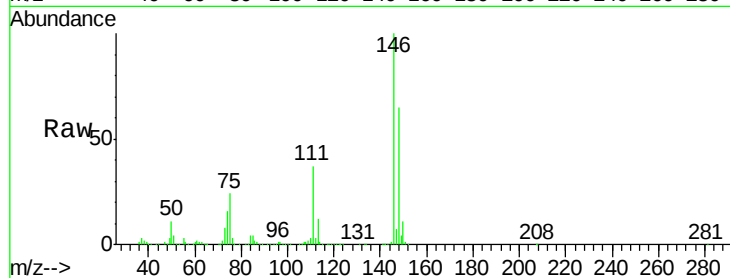
#91
 1,2-Dichlorobenzene
 Concen: 143.926 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
146	100	915896		
111	38.1		18.9	56.9
148	64.5		31.9	95.5

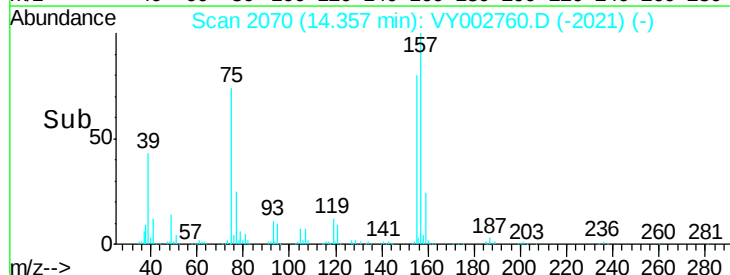
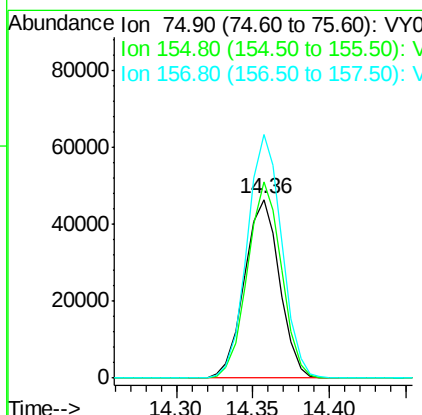
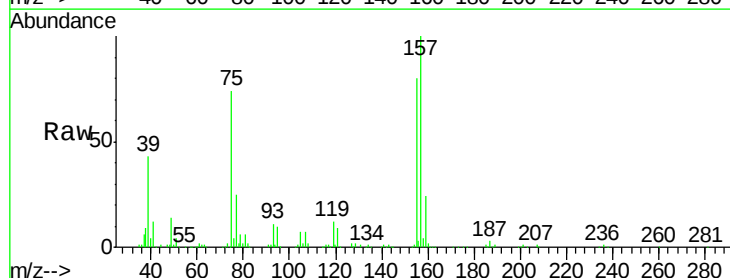
Manual Integrations
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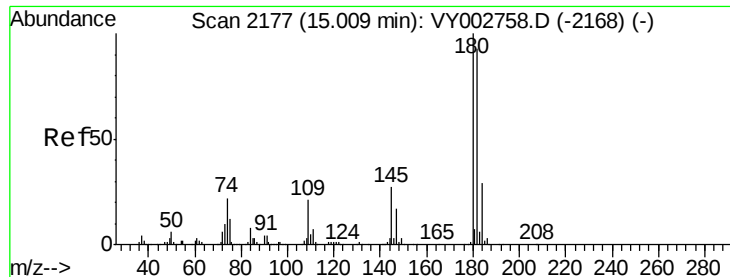
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 173.896 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	73970		
155	106.5		53.5	160.5
157	135.0		69.9	209.7





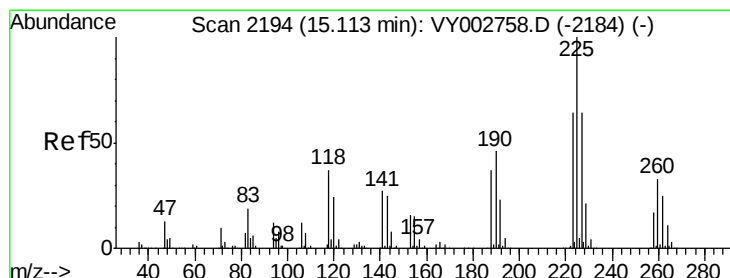
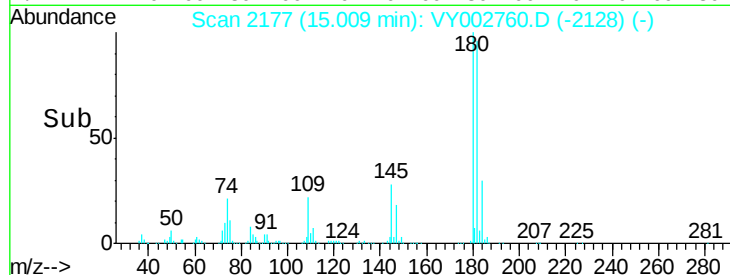
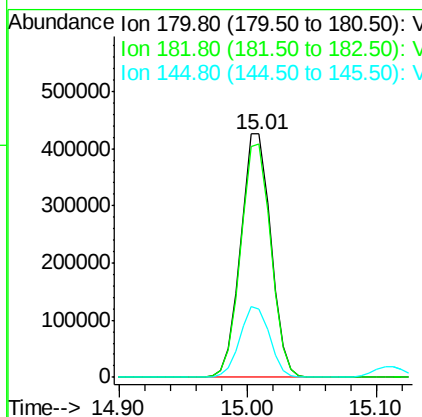
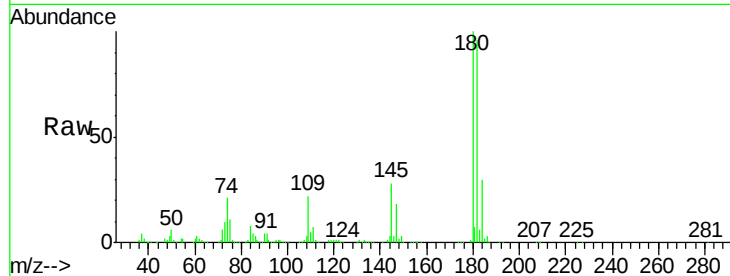
#93
 1,2,4-Trichlorobenzene
 Concen: 139.531 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	687310		
182	95.6	47.3	141.9	
145	28.7	14.1	42.3	

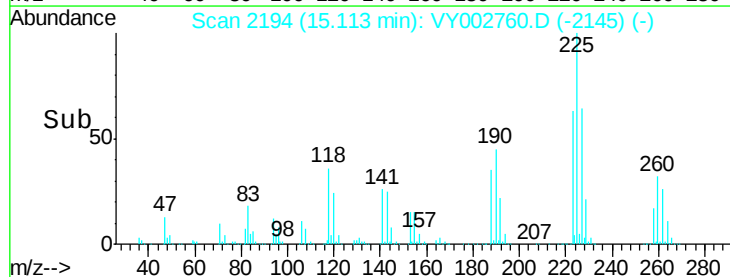
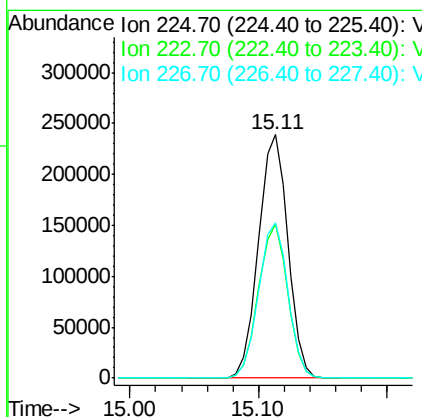
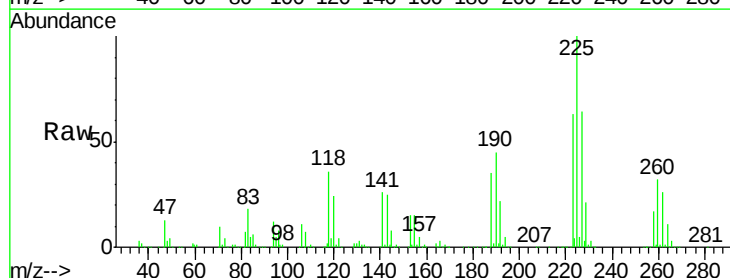
Manual Integrations
 APPROVED

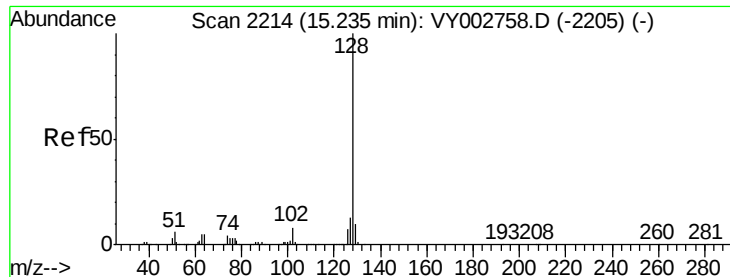
MMDadoda
 5/28/2020 2:08:42 PM



#94
 Hexachlorobutadiene
 Concen: 126.864 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	375594		
223	62.9	31.6	95.0	
227	63.7	32.3	96.9	





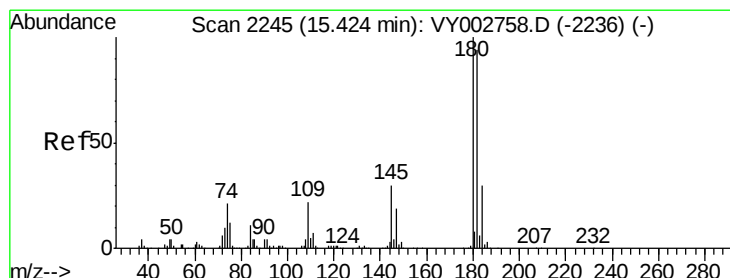
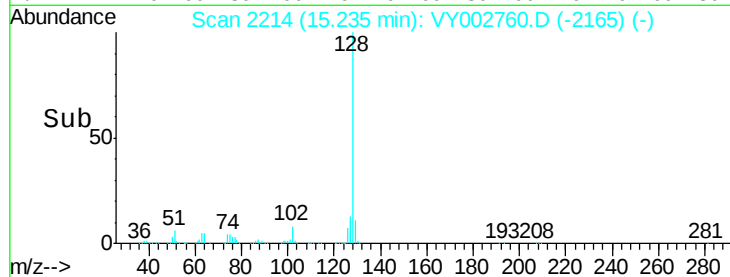
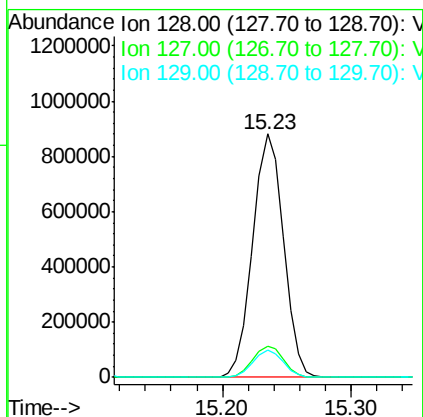
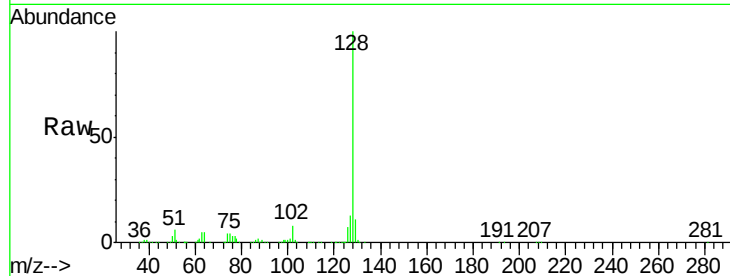
#95
Naphthalene
Concen: 162.716 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/28/2020 2:08:42 PM



#96
1,2,3-Trichlorobenzene
Concen: 144.624 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.1	144.4
145	30.0	15.1	45.3

